HISTORY INFORMATION FOR THE FOLLOWING MANUAL:

SERVICE MANUAL

LA-3 CHASSIS

MODEL NAME	REMOTE COMMANDER	DESTINATION
KDF-E55A20	RM-YD002	US/CND/MEXICO
KDF-E60A20	RM-YD002	US/CND/MEXICO

ORIGINAL MANUAL ISSUE DATE: 6/2005

☛ :UPDATED ITEM

REVISION DATE	SUBJECT
6/2005	No revisions or updates are applicable at this time.
6/2005	Corrected Exploded View section to show only one PN for Power Supply Block and replaced PN for Lamp with PN for Lamp Block Assembly (Replace Pg. 71 with Pg. 71) Removed PN for Lamp (Replace Pg. 110 with Pg. 110)
12/2005	Reissue entire manual to include information for SN ranges 9,100,001 to 9,799,999 and 9,900,001 and up

LCD PROJECTION TELEVISION

SONY®

9-965-984-03

Self Diagnosis Supported model

SERVICE MANUAL

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MODEL NAME	REMOTE COMMANDER	DESTINATION
KDF-E55A20	*RM-YD002*	*US/CND/MEXICO*
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KDF-E55A20

RM-YD002

LCD PROJECTION TELEVISION

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SPECIFICATIONS

Power Requirements 120V AC, 60Hz

Power Consumption (W)

In Use (Max) 265W

In Standby Less than 15W

Inputs/Outputs

HDMI IN
Video - 1080i, 720p, 480p, 480i
Audio - Two channel linear PCM 32, 44.1 and 48 kHz, 16, 20, and 24 bit

Video (IN)
3 total (1 on front panel)
1Vp-p, 75ohms unbalanced, sync negative

S Video (IN)
3 total (1 on front panel)
Y: 1Vp-p, 75ohms unbalanced, sync negative
C: 0.286Vp-p (Burst signal), 75ohms

Audio (IN)
6 total (1 on front panel)
500 mVrms (100% modulation)
Impedance:47 kilo ohms

Audio (VAR/FIX) Out
1 total
500 mVrms at the maximum volume setting (Variable)
500 mVrms (Fixed)
Impedance (Output):2 kilo ohm
Note: Audio Out jacks are operable only when the TV's speaker is set to Off.

Component Video Input
2 (Y, P_B, P_R)
Y: 1.0 Vp-p, 75 ohms unbalanced, sync negative
P_B: 0.7 Vp-p, 75 ohms;
P_R: 0.7 Vp-p, 75 ohms

RF Inputs
2 total

Digital Audio Optical Output (PCM/Dolby Digital)
1 total
Optical Rectangular (1)

CableCARD Slot
1 total
PCMCIA Type I/II

	KDF-E55A20	KDF-E60A20
Speaker Output (W)	12W (L), 12W (R)	
Dimensions (W x H x D)		
mm	1,456 x 943 x 491 mm	1,574 x 1,005 x 518 mm
in	57 3/8 x 37 1/4 x 19 3/8 in	62 x 39 5/8 x 20 1/2 in
Mass		
kg	42 kg	46.1 kg
lbs	92 lbs 5 oz	101 lbs 5 oz

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Television system

American TV standard, NTSC
ATSC compliant 8VSB, ATSC (8VSB terrestrial)
ANSI/SCTE 07 2000 QAM on cable

Channel coverage

Terrestrial 2-69/ Cable TV: 1-125 (analog)
Terrestrial: 2-69/ Cable TV: 1-135 (digital)

Screen Size (measured diagonally)

55 inches (KDF-E55A20 Only)
60 inches (KDF-E60A20 Only)

Antenna

75-ohm external antenna terminal for VHF/UHF

Projection System

3 LCD Panels, 1 lens projection system

LCD Panel

0.87 inch TFT LCD panel Approx. 3.28 million dots
(1,042,168 pixels)

Projection Lens

High Performance, large diameter hybrid lens F2.4

Lamp

132W, XL-2200

Supplied Accessories

Remote Commander RM-YD002
Two Size AA (R6) Batteries

Optional Accessories

HDMI Cable
Component Video Cable
S VIDEO Cable
A/V Cable
Audio Cable
Optical Cable
TV Stand: SU-GW12
Lamp: 132W, XL-2200

WARNINGS AND CAUTIONS

CAUTION

These servicing instructions are for use by qualified service personnel only. To reduce the risk of electric shock, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so.

WARNING!!

An isolation transformer should be used during any service to avoid possible shock hazard, because of live chassis. The chassis of this receiver is directly connected to the AC power line.

⚠ SAFETY-RELATED COMPONENT WARNING!!

Components identified by shading and ⚠ mark on the schematic diagrams, exploded views, and in the parts list are critical for safe operation. Replace these components with Sony parts whose part numbers appear as shown in this manual or in supplements published by Sony. Circuit adjustments that are critical for safe operation are identified in this manual. Follow these procedures whenever critical components are replaced or improper operation is suspected.

ATTENTION!!

Ces instructions de service sont à l'usage du personnel de service qualifié seulement. Pour prévenir le risque de choc électrique, ne pas faire l'entretien autre que celui contenu dans le Mode d'emploi à moins que vous soyez qualifié faire ainsi.

Afin d'eviter tout risque d'electrocution provenant d'un châssis sous tension, un transformateur d'isolement doit etre utilisé lors de tout dépannage. Le châssis de ce récepteur est directement raccordé à l'alimentation du secteur.

⚠ ATTENTION AUX COMPOSANTS RELATIFS A LA SECURITE!!

Les composants identifies par une trame et par une marque ⚠ sur les schemas de principe, les vues explosees et les listes de pieces sont d'une importance critique pour la securite du fonctionnement. Ne les remplacer que par des composants Sony dont le numero de piece est indique dans le present manuel ou dans des supplements publies par Sony. Les reglages de circuit dont l'importance est critique pour la securite du fonctionnement sont identifies dans le present manuel. Suivre ces procedures lors de chaque remplacement de composants critiques, ou lorsqu'un mauvais fonctionnement suspecte.

SAFETY CHECK-OUT

After correcting the original service problem, perform the following safety checks before releasing the set to the customer:

1. Check the area of your repair for unsoldered or poorly soldered connections. Check the entire board surface for solder splashes and bridges.

2. Check the interboard wiring to ensure that no wires are "pinched" or touching high-wattage resistors.

3. Check that all control knobs, shields, covers, ground straps, and mounting hardware have been replaced. Be absolutely certain that you have replaced all the insulators.

4. Look for unauthorized replacement parts, particularly transistors, that were installed during a previous repair. Point them out to the customer and recommend their replacement.

5. Look for parts which, though functioning, show obvious signs of deterioration. Point them out to the customer and recommend their replacement.

6. Check the line cords for cracks and abrasion. Recommend the replacement of any such line cord to the customer.

7. Check the B+ and HV to see if they are specified values. Make sure your instruments are accurate; be suspicious of your HV meter if sets always have low HV.

8. Check the antenna terminals, metal trim, "metallized" knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.

Leakage Test

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microamperes). Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instructions.

2. A battery-operated AC milliampmeter. The Data Precision 245 digital multimeter is suitable for this job.

3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The "limit" indication is 0.75 V, so analog meters must have an accurate low voltage scale. The Simpson's 250 and Sanwa SH-63TRD are examples of passive VOMs that are suitable. Nearly all battery-operated digital multimeters that have a 2 VAC range are suitable (see Figure A).

How to Find a Good Earth Ground

A cold-water pipe is a guaranteed earth ground; the cover-plate retaining screw on most AC outlet boxes is also at earth ground. If the retaining screw is to be used as your earth ground, verify that it is at ground by measuring the resistance between it and a cold-water pipe with an ohmmeter. The reading should be zero ohms.

If a cold-water pipe is not accessible, connect a 60- to 100-watt trouble- light (not a neon lamp) between the hot side of the receptacle and the retaining screw. Try both slots, if necessary, to locate the hot side on the line; the lamp should light at normal brilliance if the screw is at ground potential (see Figure B).

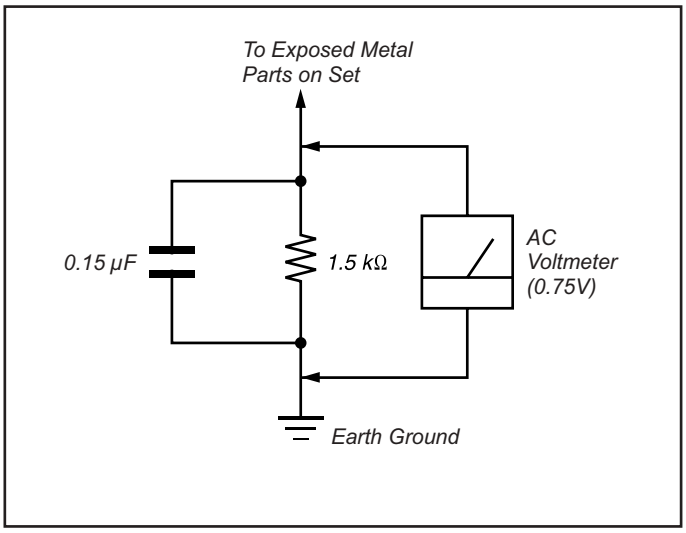


Figure A. Using an AC voltmeter to check AC leakage.

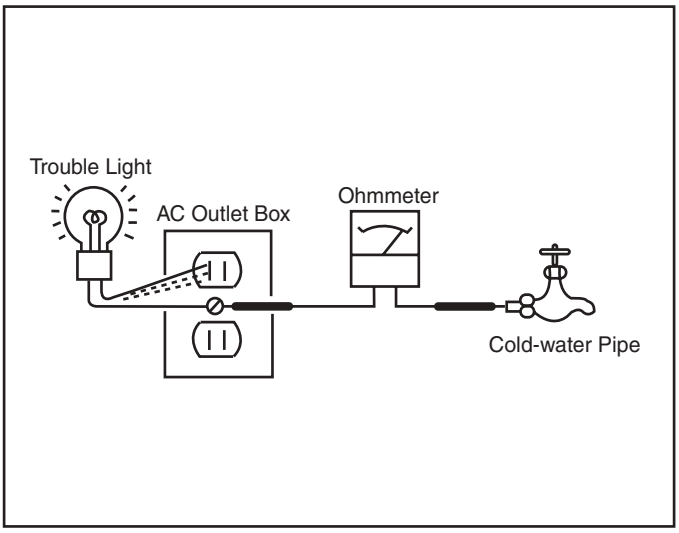


Figure B. Checking for earth ground.

SELF-DIAGNOSTIC FUNCTION

Self Diagnosis Supported model

The units in this manual contain a self-diagnostic function. If an error occurs, the POWER/STANDBY or LAMP LED will automatically begin to flash. The number of times the LED flashes translates to a probable source of the problem. A definition of the POWER/STANDBY or LAMP LED flash indicators is listed in the instruction manual for the user's knowledge and reference. If an error symptom is difficult to reproduced use the Remote Commander to display the record that is stored at the internal NVM to specify the cause of the failure.

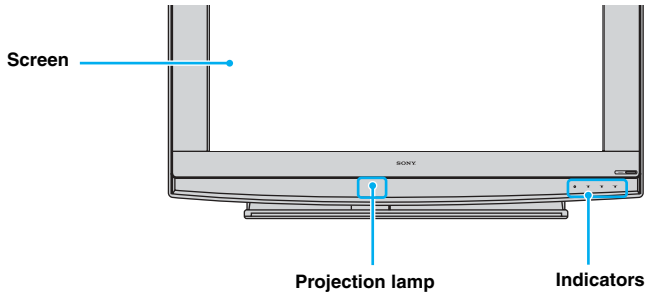
Diagnostic Test Indicators

When an error occurs, the POWER/STANDBY or LAMP LED will flash a set number of times to indicate the possible cause of the problem. If there is more than one error, the LED will identify the first of the problem areas. If the errors occur simultaneously, the one that corresponds to the fewest flashes is identified first.

Results for all of the following diagnostic items are displayed on screen. No error has occurred if the screen displays a "0".

Diagnostic Item Description	Number of times STANDBY or LAMP LED lamp	Probable Cause	Detected Symptoms
Lamp cover error	3 times	- Lamp cover is not fastened securely.	- No picture/No sound
Fan error	4 times	- Fan1-4 Power is not supplied. (GI board) - Fan connector is not seated securely. - Fan caught wires or harnesses.	- No picture/No sound
Temp error	4 times	- Internal temperature is too high. - IIC-E line connector(H4 board) is not seated properly.	- No picture/No sound
Lamp driver error	5 times	- Lamp driver defect	- No picture/No sound
Low B error	6 times	- No "DD 6V " output (GM board)	- No picture/No sound
Audio error	7 times	- Short-circuit of Audio power supply line (KD board, GM board) - Blowout of a fuse (PS4702,PS4703 on KD board) - IC failure (IC4703,IC4708,IC4710 on KD board)	- No picture/No sound
D-OVP error	8 times	- Overvoltage of +3.3V or +2.5V (A board, B board)	- No picture/No sound
ATSC-OVP error	10 times	- No "Q5V " output (GM board, GI board)	- No picture/No sound
Lamp error	LAMP-LED is ON.	- Lamp is dead	- No picture/No sound

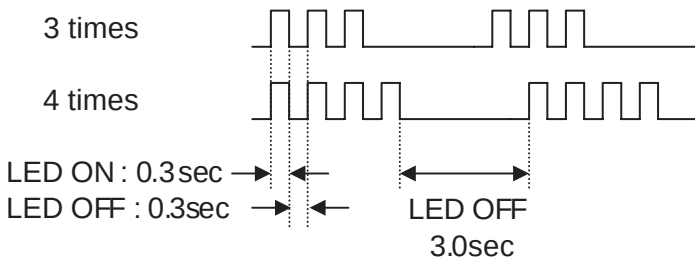
Display of POWER/STANDBY or LAMP LED Flash Count



- One flash is not used for self-diagnosis

- Example

Diagnosis	Number of times LED Flash
Lamp cover	3 times
Fan	4 times



Releasing the POWER/STANDBY LED Flash

Unplug the power cord from the outlet to temporarily stop the POWER/STANDBY lamp from flashing.

Self-Diagnosis Screen Display

For failures that are difficult to reproduce, or accompany occasional power off and/or picture mute, the Self-Diagnosis screen display is useful to specify the cause..

To Bring Up Screen Test

In standby mode, press the buttons on the Remote Commander sequentially, in rapid succession, as shown below:

1. DISPLAY → Channel 5 → Sound Volume - → POWER

Self-Diagnostic Screen Display

SELF CHECK

1	: LAMP ERR	0	
3	: LAMP COVER	0	
4	: FAN-E/TEMP-E	1	"1" is displayed when a failure is detected one or more times
5	: LAMP DRIVER	0	"0" is displayed when no failure has been detected
6	: LowB-ERR	0	
7	: Audio-Prot	1	
8	: D-OVP	0	
10	: ATSC_OVP	0	
101	: WDT	0	

Since the diagnostic results displayed on the screen are not automatically cleared, always check the self-diagnostic screen during repairs. When you have completed the repairs, clear the result display to “0”.

Note: The self-diagnostic function will not be able to detect any subsequent faults after completion of the repairs unless the result display is cleared to “0”.

Clearing the Result Display

To clear the result display to “0”, press the buttons on the Remote Commander sequentially when the diagnostic screen is displayed, as shown below:

1. If the screen is already displayed, proceed to step 3. If not, Power off (Set to Standby mode).
2. Press [DISPLAY] → Channel [5] → Sound Volume [-] → [POWER]
3. Press Channel [8] → [ENT]

Clearing the Self-Diagnostic Screen

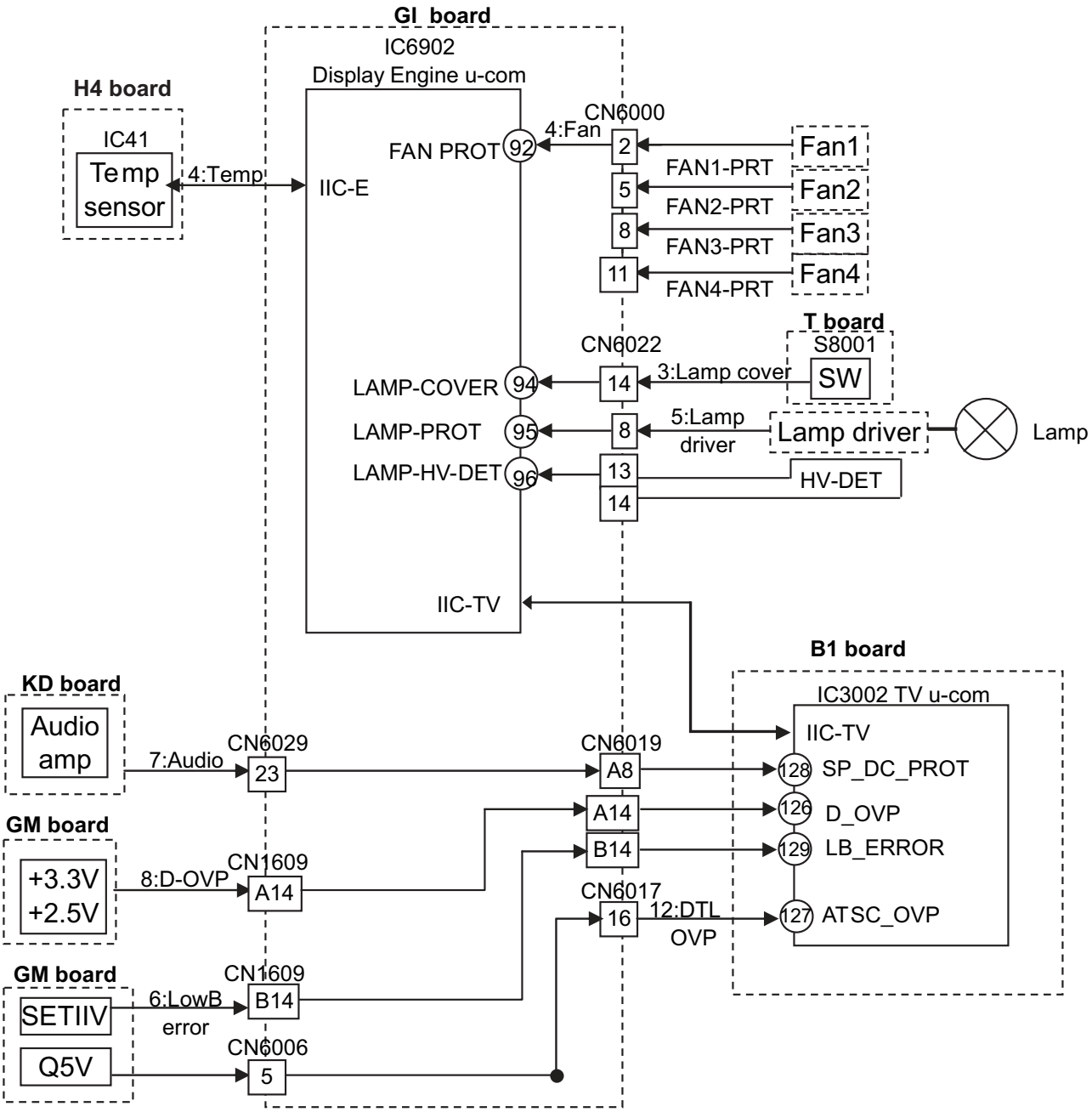
The self diagnosis screen display is cleared by turning off the set using the Remote Commander or the power switch.

Self-Diagnostic Circuit

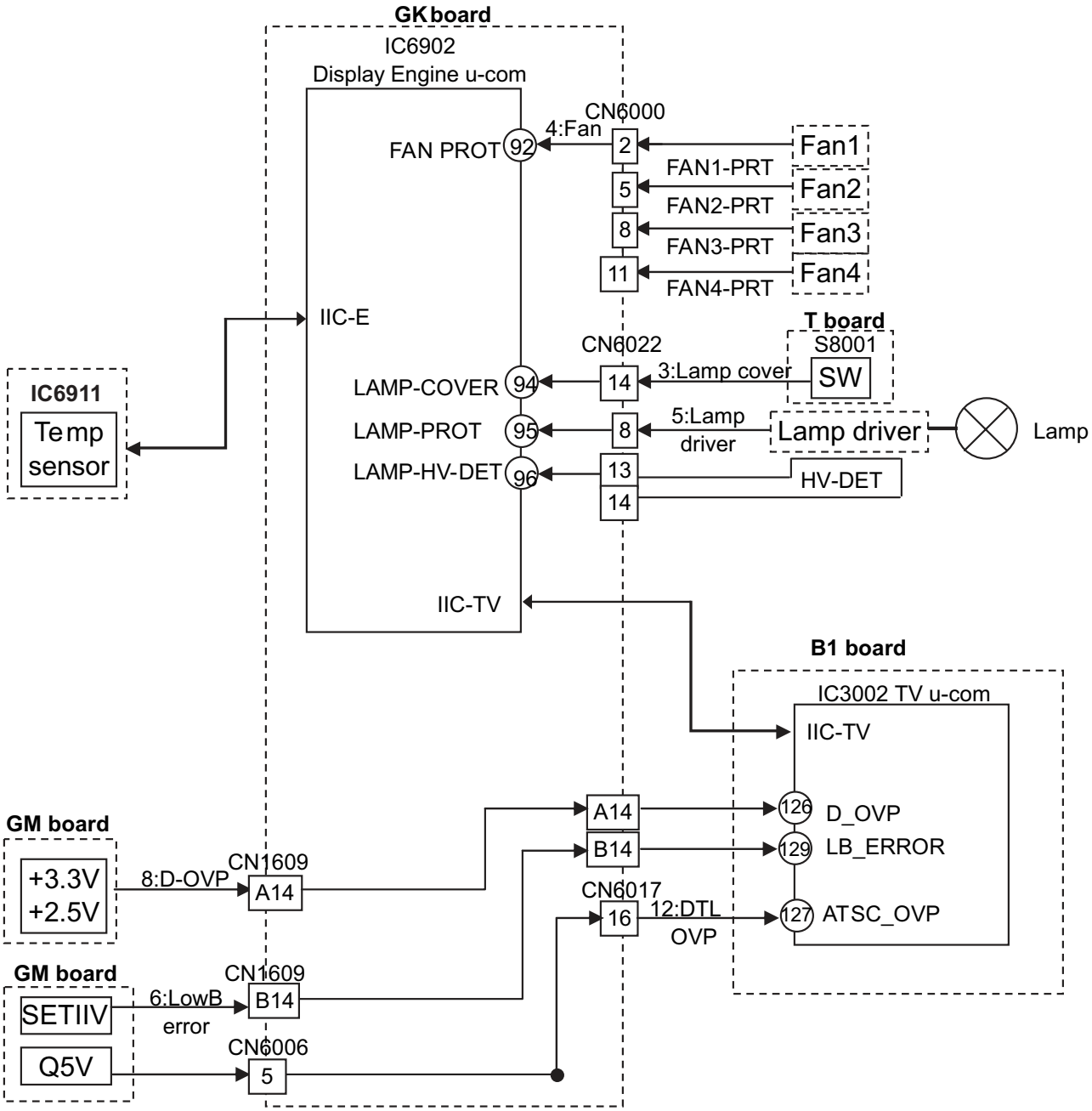
Self-Diagnosis Function Operation

3	:	Lamp cover	The rib at the back of the lamp cover closes the SW on the T board to ground pin 3 of CN8001. It is monitored by the DE-micro (pin 94 of IC6902) and turns off the lamp when it is opened.
4	:	Fan	Fan rotation is detected by "FAN-PROT" and the DE-micro (pin 92 of IC6902) turns off the lamp when it is "high".
4	:	Temp	When the temperature sensor on the H4 board detects high temperature, or IIC-E line connector (CN6022:GI board, CN44:H3board/H4board) is not seated securely, the DE-micro turns off the lamp.
5	:	Lamp driver	When the "LAMP-PROT" (pin 95 IC6902) is low, the lamp is not turned on. If the "LAMP-HV-DET" (pin 96 IC6902) is low at the same time, it is classified as no high voltage of the lamp driver.
6	:	Low B error	When no "SETIIV " is detected, pin 129 of IC3002 is low and it turns off the main power.
7	:	Audio	When DC voltage is detected at the speaker or woofer outputs, pin 128 of IC3002 is low and it turns off the main power.
8	:	D-OVP	When overvoltage of "+3.3V" or "+2.5V" is detected, pin 126 of IC3002 is low and it turns off the main power.
10	:	DTL-OVP	When no "Q 5V" is detected, pin 127 of IC3002 is low and it turns off the main power.
LAMP	:	Lamp	When the "LAMP-PROT" (pin 95 IC6902) is low, the lamp is not turned on. If the "LAMP-HV-DET" (pin96 IC6902) is high at the same time, it is classified as no lamp or a dead lamp.

Self-Diagnosis Block Diagram
(SN 9,000,001 to 9,099,999 and 9,800,001 to 9,899,999 Only)



Self-Diagnosis Block Diagram
(SN 9,100,001 to 9,799,999 and 9,900,001 and Up Only)



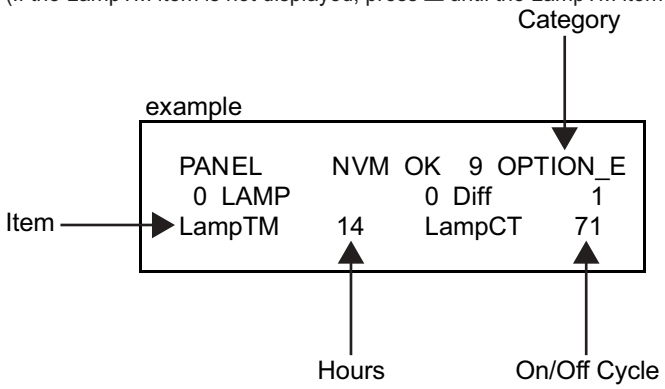
Reading Lamp and Panel time

Use the following to determine the lamp and panel time of a set.

Screen Display Method

To access service mode, press the buttons on the Remote Commander sequentially, in rapid succession, as shown below:

1. Press DISPLAY ➡ Channel 5 ➡ Volume + ➡ POWER
2. Press JUMP until the PANEL service menu displays.
3. To display the Lamp time, press 2 until the OPTION_E category displays.
4. The LampTM is the first item in the OPTION_E category.
   (If the LampTM item is not displayed, press 1 until the LampTM item displays.)

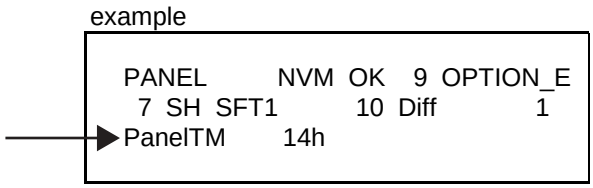


The screen displays:

"Total lamp time is 14 hours" and "Total lamp ON/OFF cycle is 71 times"

NOTE: If replacing the lamp, reset the lamp time by pressing Channel 3 ➡ Mute ➡ ENT.
WRI-EXE(Character color is Red) is momentarily displayed and LampTM is reset to "0".

5. To display the Panel time, press 1 until the PanelTM item displays.



The screen displays:

"Total Panel time is 14 hours"

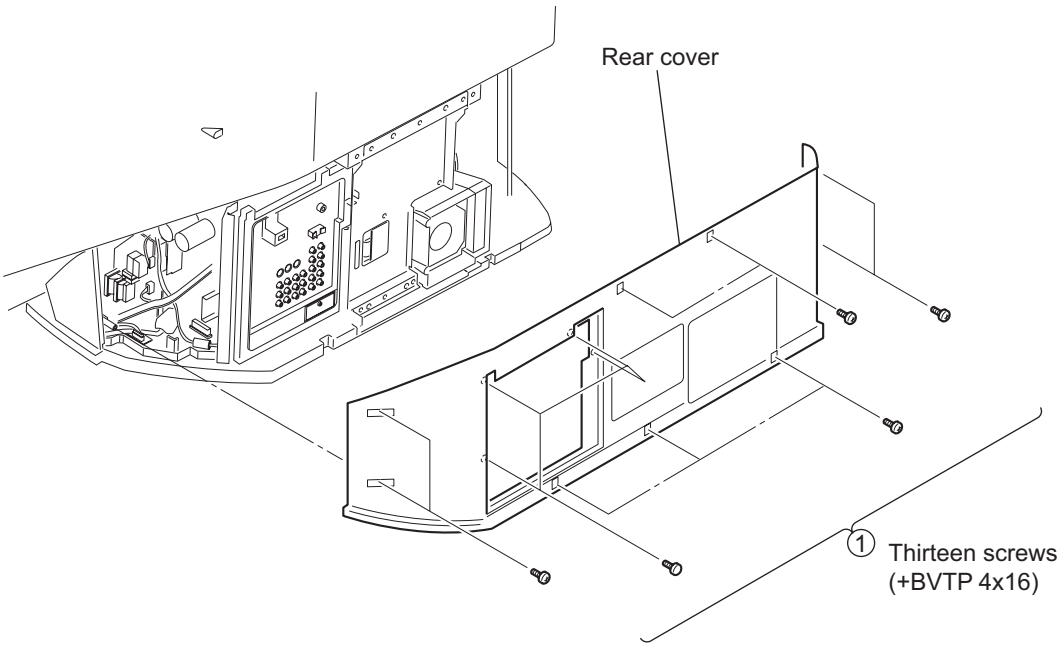
NOTE: You cannot reset the Panel time with the Service menu.

Exiting Service Mode

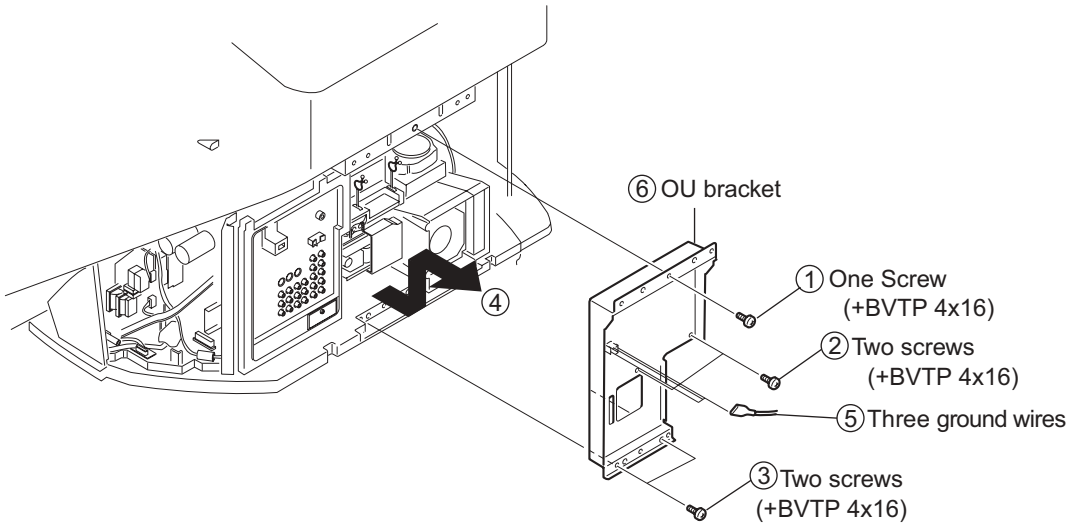
After completing the changes exit service mode by turning off the set using the Remote Commander or the power switch.

SECTION 1: DISASSEMBLY

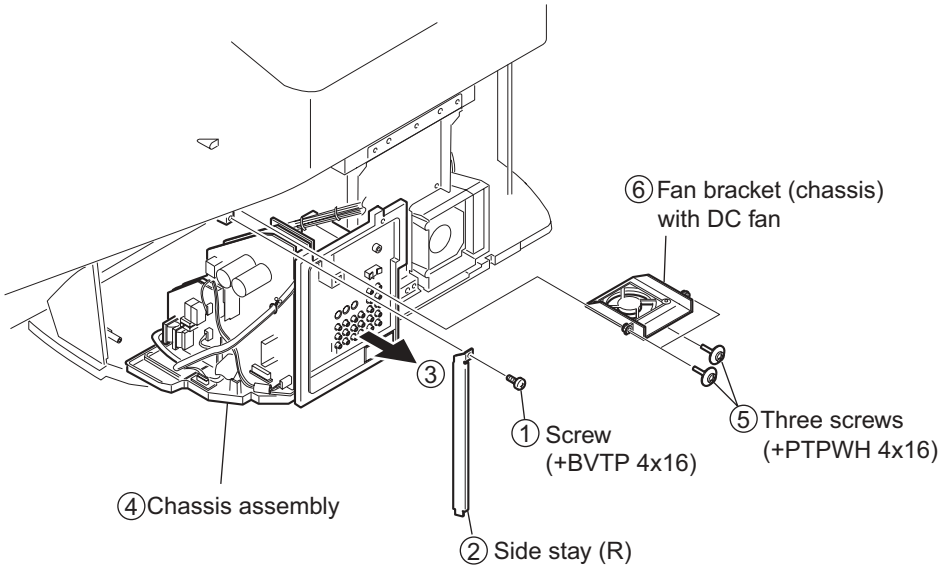
1-1. REAR COVER REMOVAL



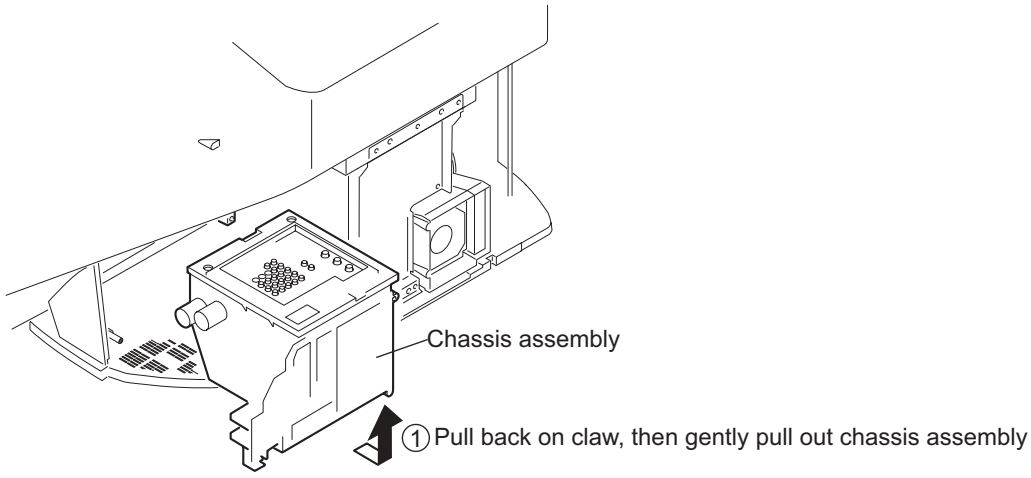
1-2. OU BRACKET REMOVAL



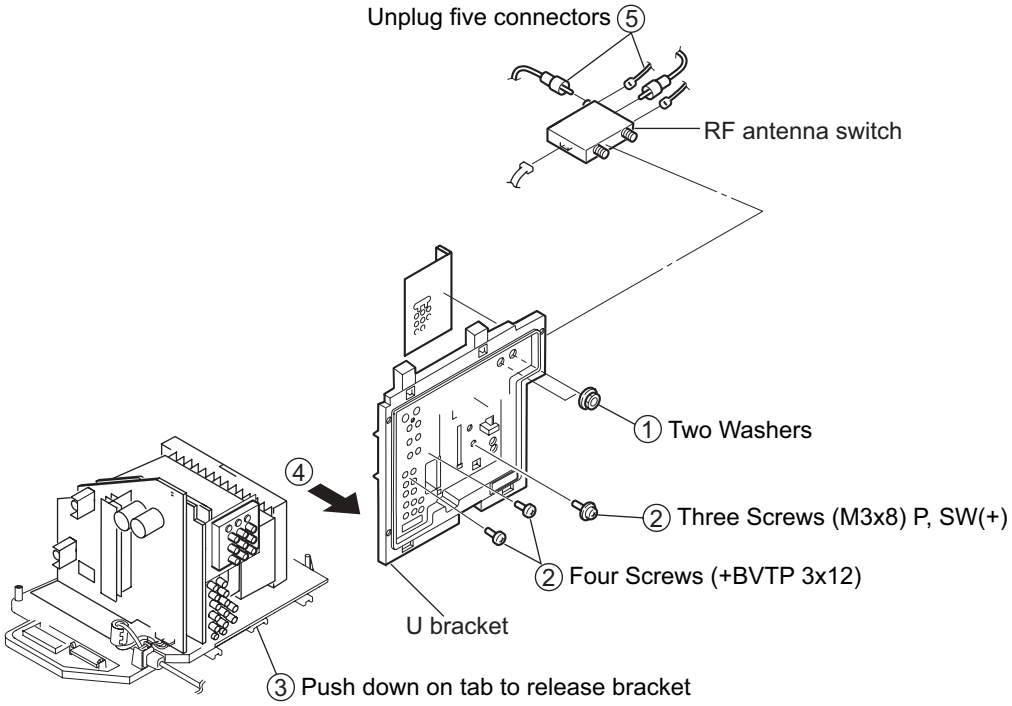
1-3. CHASSIS ASSEMBLY AND FAN REMOVAL



1-4. SERVICE POSITION

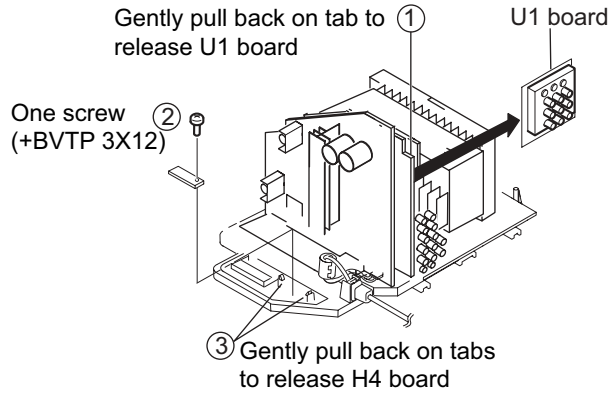


1-5. RF ANTENNA SWITCH REMOVAL

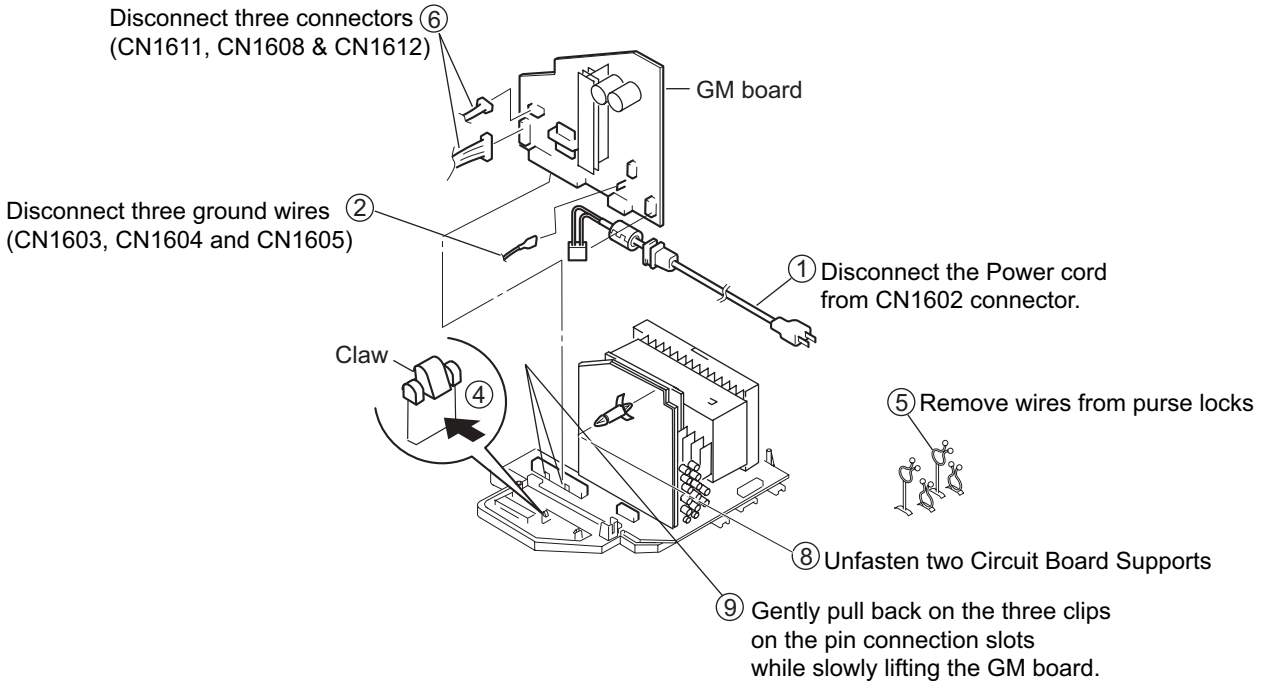

Unplug five connectors ⑤
RF antenna switch
① Two Washers
② Three Screws (M3x8) P, SW(+)
② Four Screws (+BVTP 3x12)
④
U bracket
③ Push down on tab to release bracket

1-6. U1 BOARD AND H4 BOARD REMOVAL

The H4 Board is only in SN 9,000,001 to 9,099,999 and 9,800,001 to 9,899,999

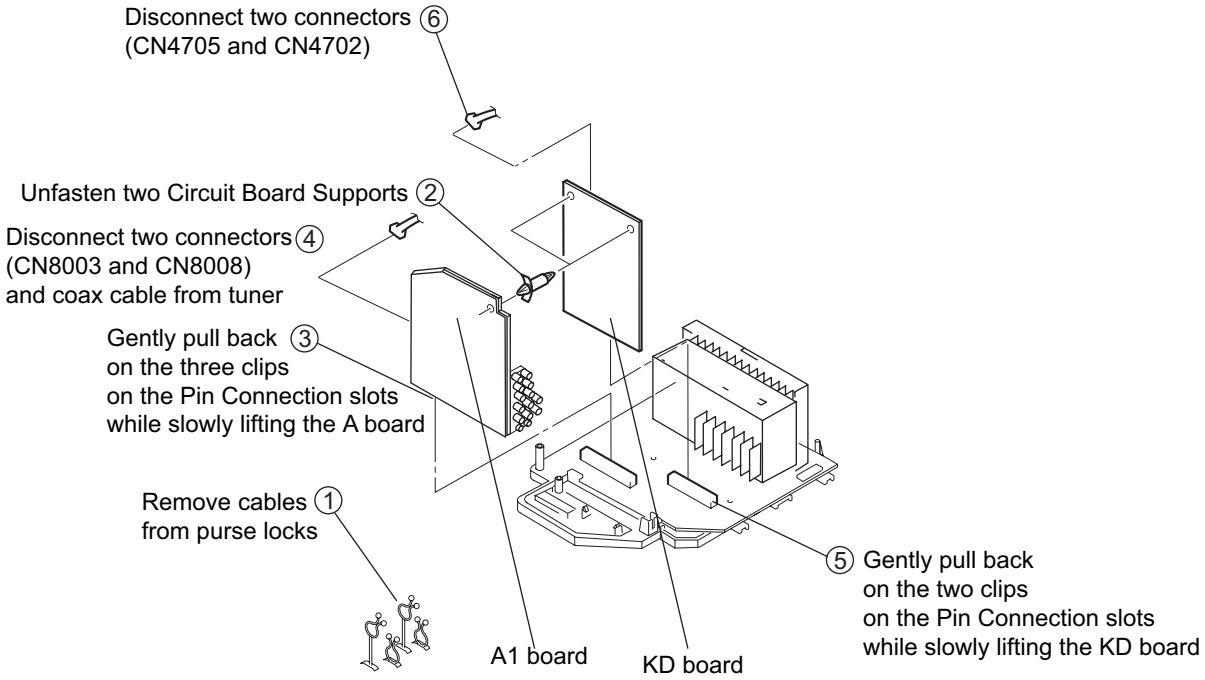


1-7. GM BOARD REMOVAL

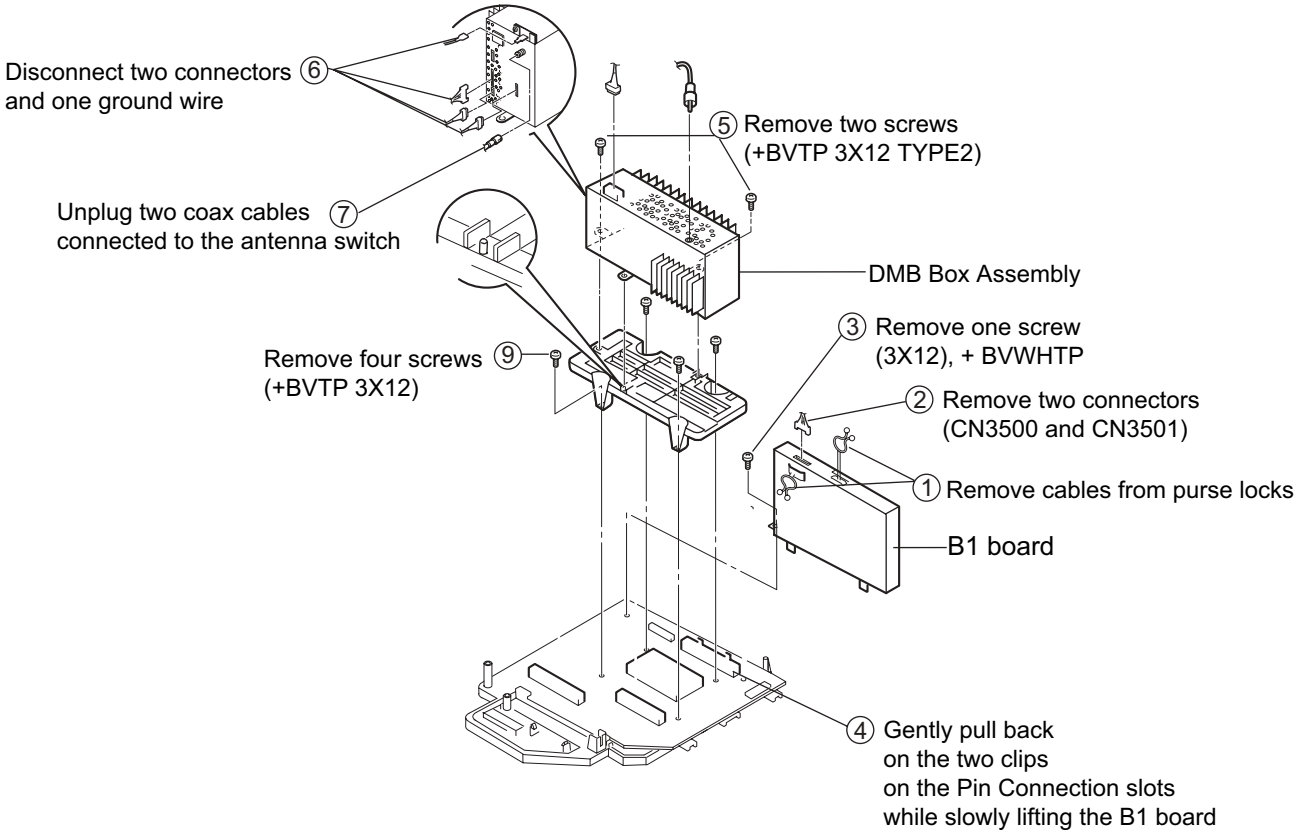

Disconnect three connectors ⑥
(CN1611, CN1608 & CN1612)
GM board
Disconnect three ground wires ②
(CN1603, CN1604 and CN1605)
① Disconnect the Power cord
from CN1602 connector.
Claw
④
⑤ Remove wires from purse locks
⑧ Unfasten two Circuit Board Supports
⑨ Gently pull back on the three clips
on the pin connection slots
while slowly lifting the GM board.

1-8. A1 BOARD (OR A2 BOARD) AND KD BOARD REMOVAL

The A1 Board and the KD Board are only in SN 9,000,001 to 9,099,999 and 9,800,001 to 9,899,999
The A2 Board is only in SN 9,100,001 to 9,799,999 and 9,900,001 and up

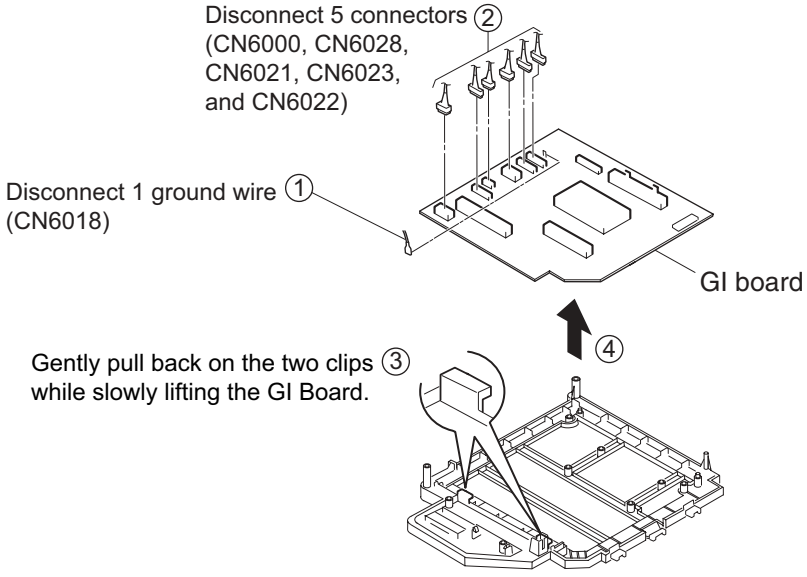

Disconnect two connectors ⑥
(CN4705 and CN4702)
Unfasten two Circuit Board Supports ②
Disconnect two connectors ④
(CN8003 and CN8008)
and coax cable from tuner
Gently pull back ③
on the three clips
on the Pin Connection slots
while slowly lifting the A board
Remove cables ①
from purse locks
⑤ Gently pull back
on the two clips
on the Pin Connection slots
while slowly lifting the KD board
A1 board
KD board

1-9. DMB ASSEMBLY (Q BOX) AND B1 BOARD REMOVAL

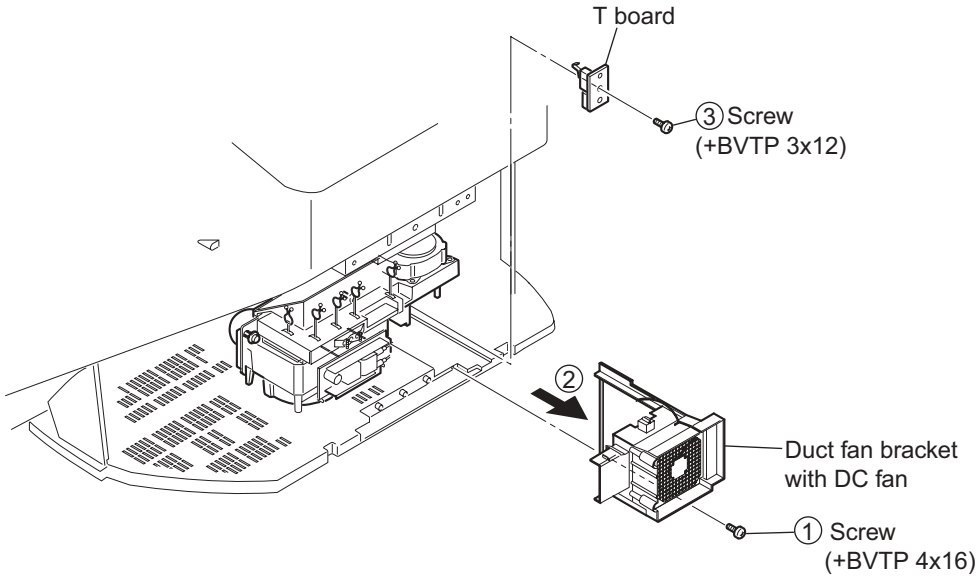


1-10. GI BOARD (OR GK BOARD) REMOVAL

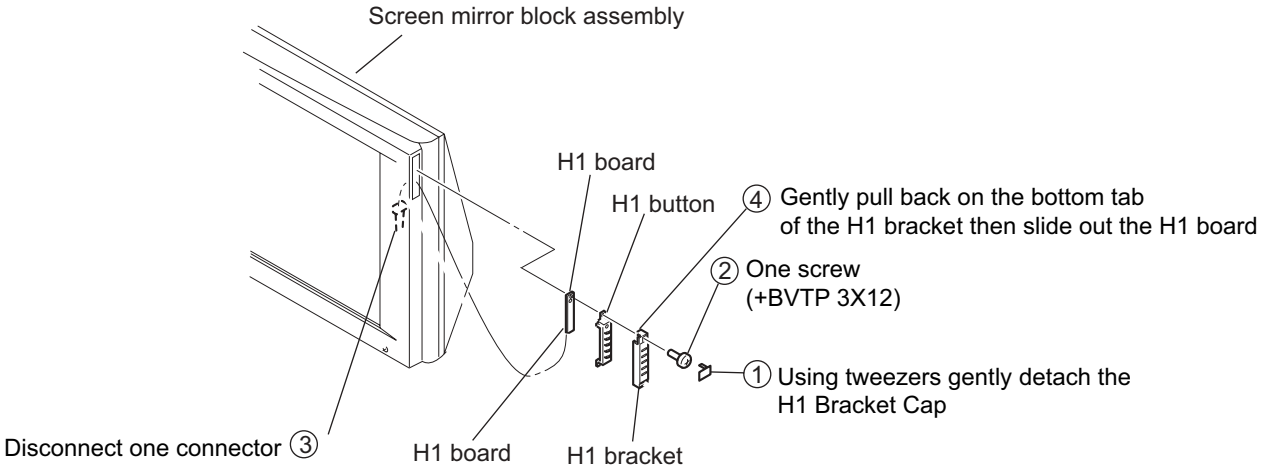
The GI Board is only in SN 9,000,001 to 9,099,999 and 9,800,001 to 9,899,999
The GK Board is only in SN 9,100,001 to 9,799,999 and 9,900,001 and up



1-11. FAN AND T BOARD REMOVAL

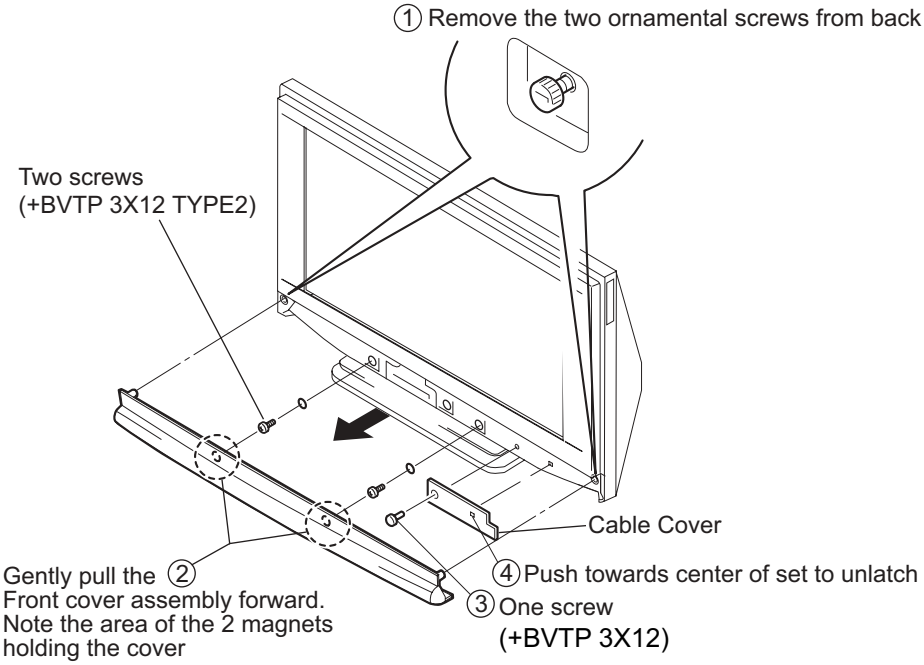


1-12. H1 BOARD REMOVAL


Screen mirror block assembly
H1 board
H1 button
④ Gently pull back on the bottom tab
of the H1 bracket then slide out the H1 board
② One screw
(+BVTP 3X12)
① Using tweezers gently detach the
H1 Bracket Cap
Disconnect one connector ③
H1 board
H1 bracket

1-13. FRONT COVER ASSEMBLY REMOVAL

Be sure the Front Input door is closed before removing the Front Cover Assembly.

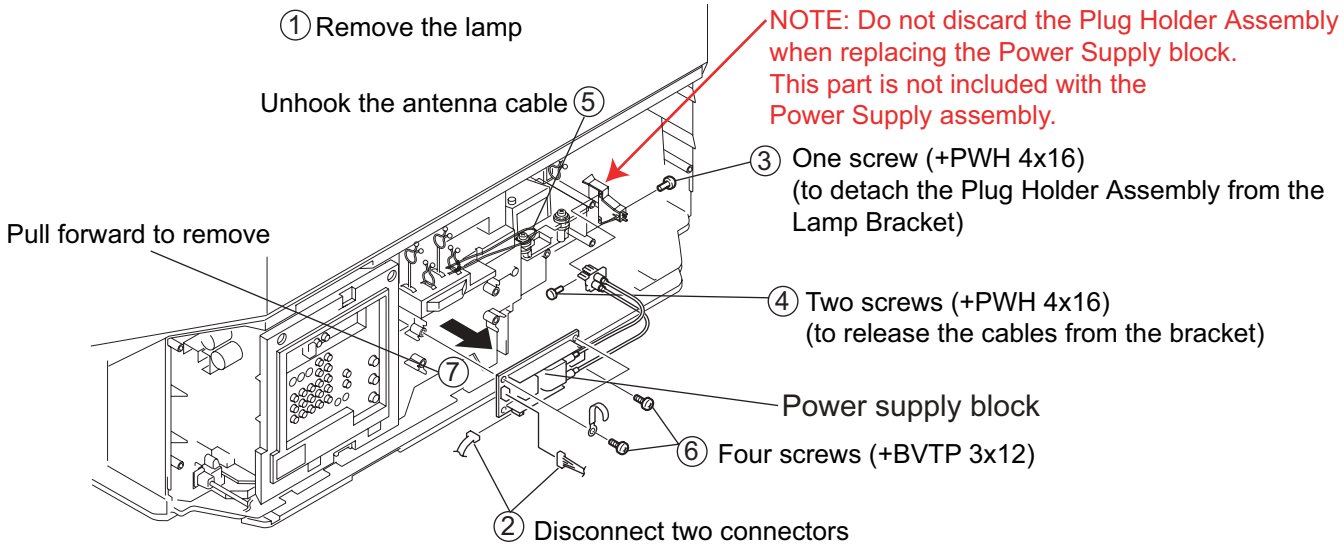

① Remove the two ornamental screws from back of set
Two screws
(+BVTP 3X12 TYPE2)
Cable Cover
Gently pull the ②
Front cover assembly forward.
Note the area of the 2 magnets
holding the cover
④ Push towards center of set to unlatch
③ One screw
(+BVTP 3X12)

1-13-1. REPLACING THE LAMP

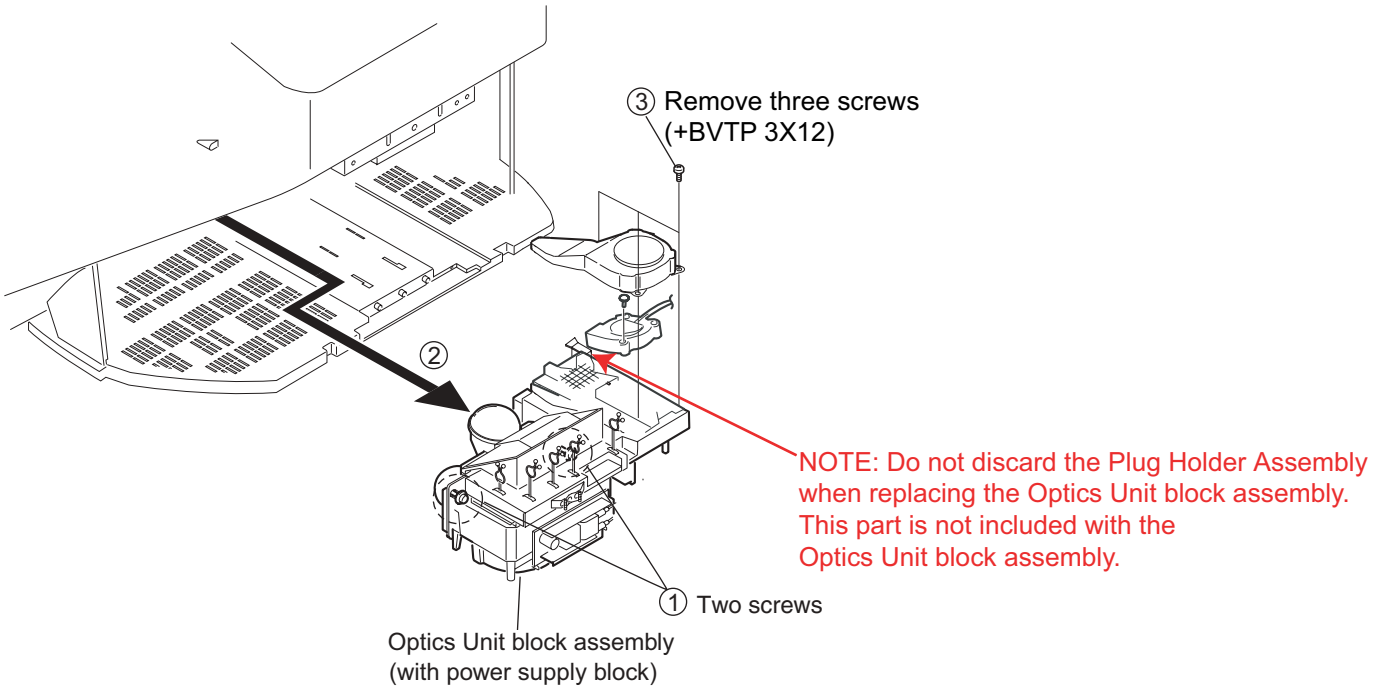
For detailed instructions on replacing the lamp, see Page 76 of the Operating Instructions manual.

1-14. POWER SUPPLY BLOCK REMOVAL (LAMP DRIVE UNIT)

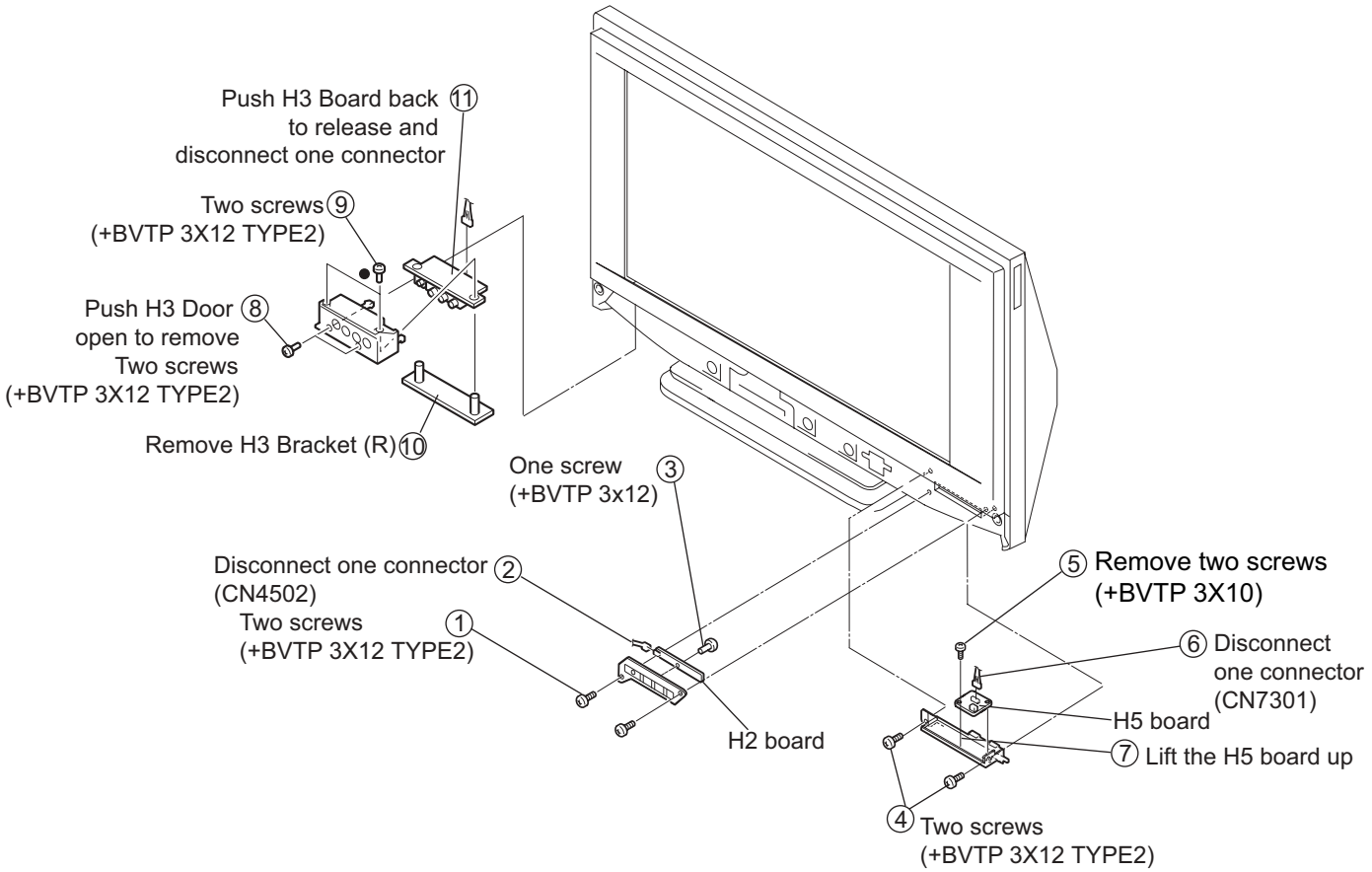
Use caution when removing the Power Supply Block to not move the Optical Unit Block


① Remove the lamp
Unhook the antenna cable ⑤
NOTE: Do not discard the Plug Holder Assembly
when replacing the Power Supply block.
This part is not included with the
Power Supply assembly.
③ One screw (+PWH 4x16)
(to detach the Plug Holder Assembly from the
Lamp Bracket)
Pull forward to remove
④ Two screws (+PWH 4x16)
(to release the cables from the bracket)
⑦
Power supply block
⑥ Four screws (+BVTP 3x12)
② Disconnect two connectors

1-15.OPTICS UNIT BLOCK ASSEMBLY FAN REMOVAL

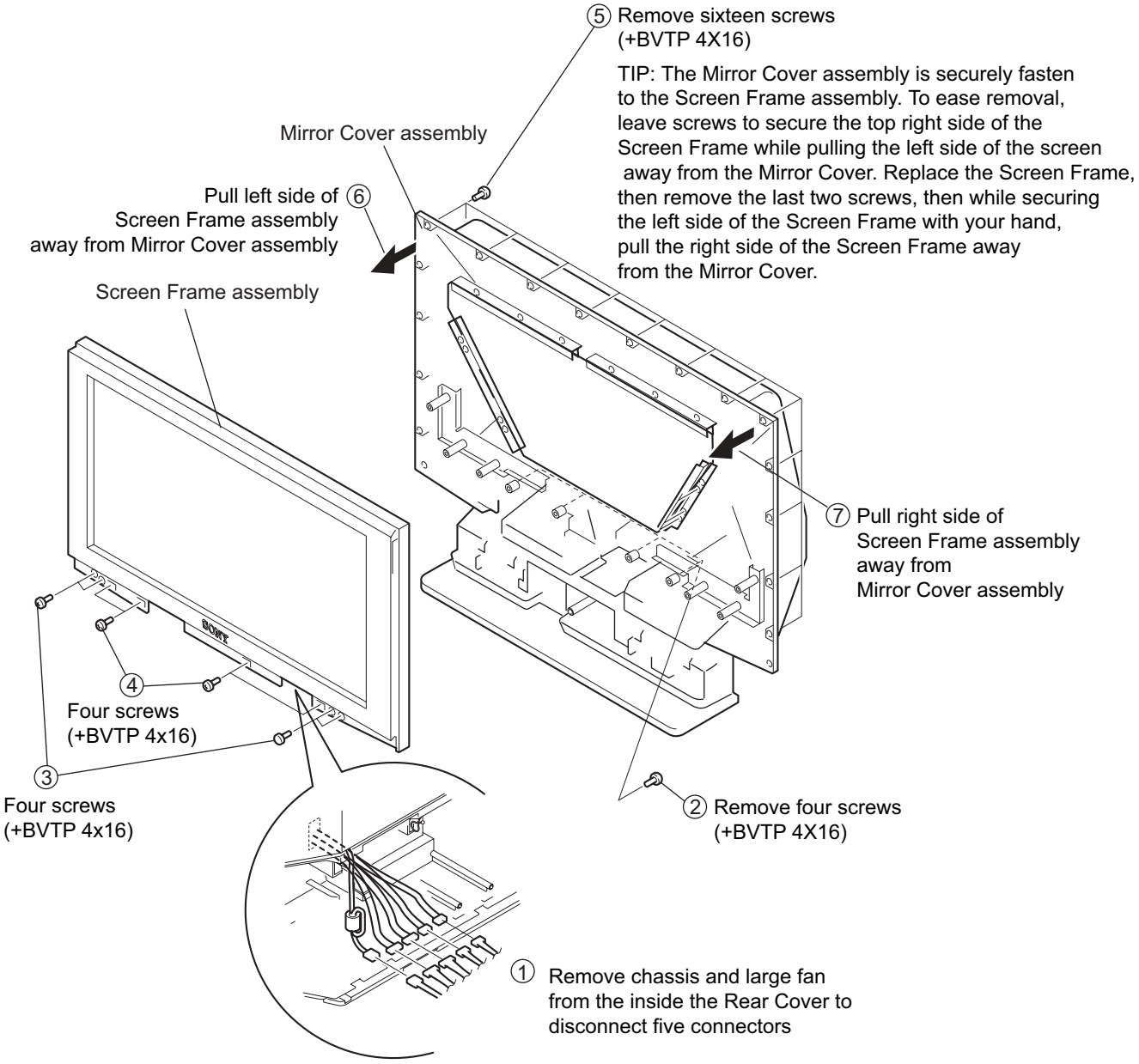

③ Remove three screws
(+BVTP 3X12)
②
NOTE: Do not discard the Plug Holder Assembly
when replacing the Optics Unit block assembly.
This part is not included with the
Optics Unit block assembly.
① Two screws
Optics Unit block assembly
(with power supply block)

1-16.H2 BOARD, H3 BOARD, AND H5 BOARD REMOVAL

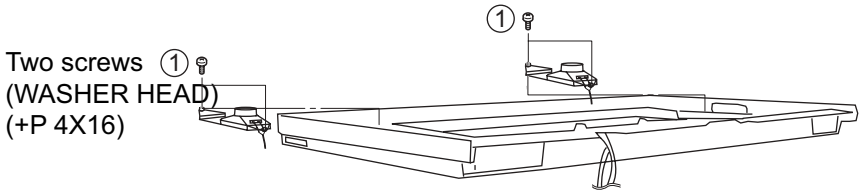


1-17. SCREEN MIRROR BLOCK ASSEMBLY REMOVAL

Caution:
When repairing anything inside the Screen Mirror Block Assembly be sure to clean the mirror and Diffusion Plate(s) to remove any dust particles.

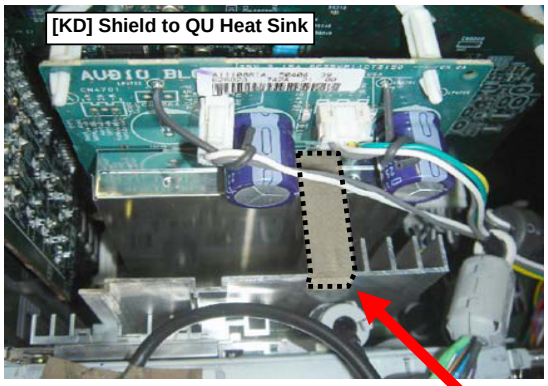

⑤ Remove sixteen screws (+BVTP 4X16)
TIP: The Mirror Cover assembly is securely fasten to the Screen Frame assembly. To ease removal, leave screws to secure the top right side of the Screen Frame while pulling the left side of the screen away from the Mirror Cover. Replace the Screen Frame, then remove the last two screws, then while securing the left side of the Screen Frame with your hand, pull the right side of the Screen Frame away from the Mirror Cover.
Mirror Cover assembly
Pull left side of ⑥ Screen Frame assembly away from Mirror Cover assembly
Screen Frame assembly
⑦ Pull right side of Screen Frame assembly away from Mirror Cover assembly
④ Four screws (+BVTP 4x16)
③ Four screws (+BVTP 4x16)
② Remove four screws (+BVTP 4X16)
① Remove chassis and large fan from the inside the Rear Cover to disconnect five connectors

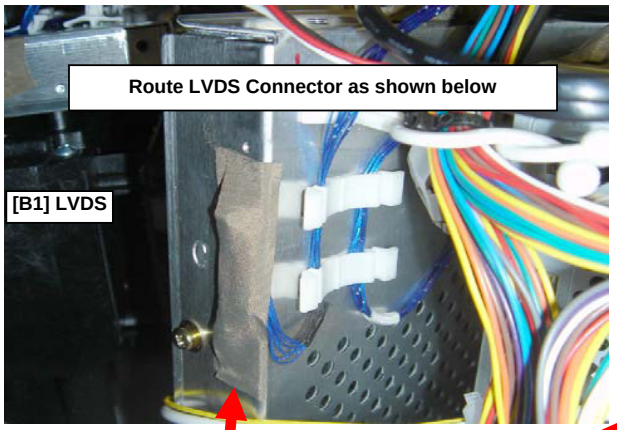
1-18. SPEAKER REMOVAL

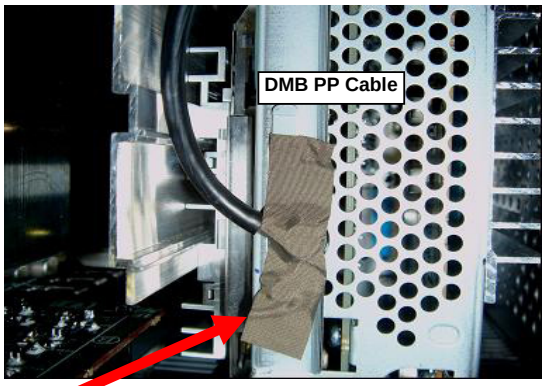


WIRE DRESSING

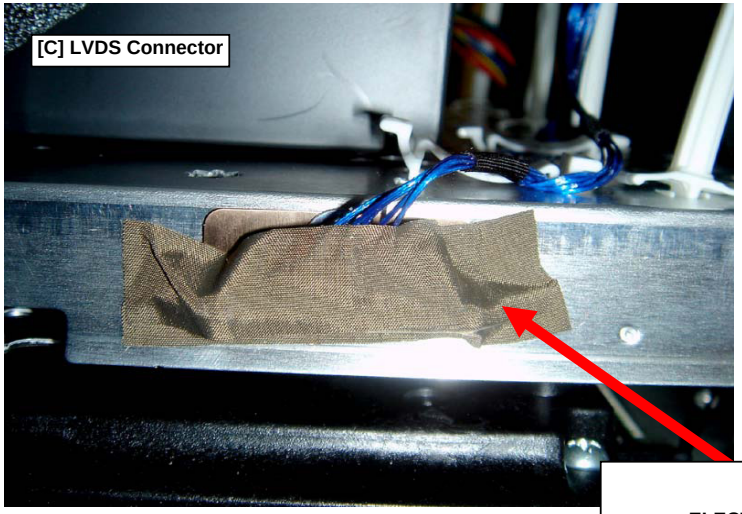
Use these instructions for SN 9,000,001 to 9,099,999 and 9,800,001 to 9,899,999
for SN 9,100,001 to 9,799,999 and 9,900,001 and up use instructions on Page 34



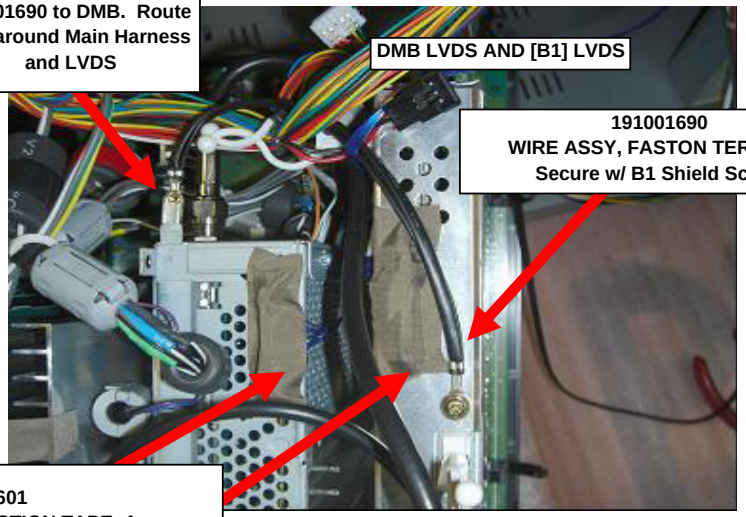




231876601
ELECTRIC CONDUCTION TAPE, A
(1 Piece)



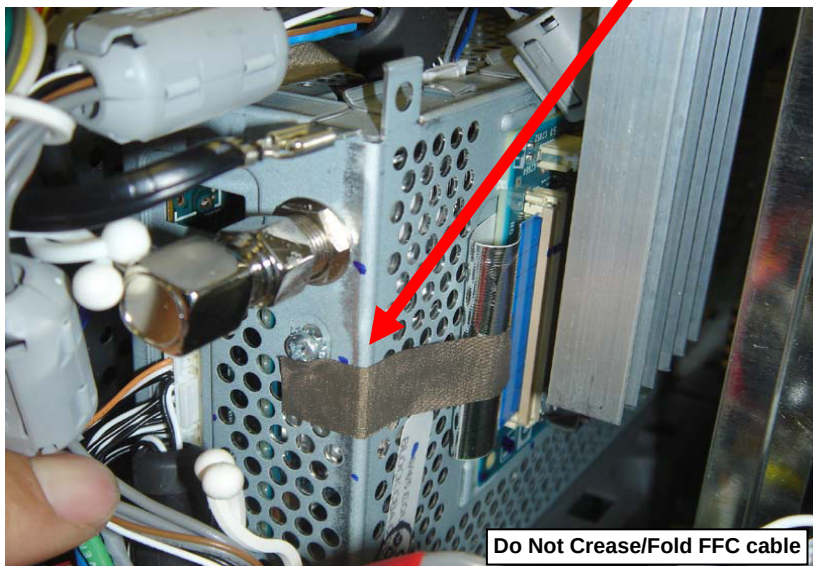
Install Faston Terminal of 191001690 to DMB. Route wire around Main Harness and LVDS

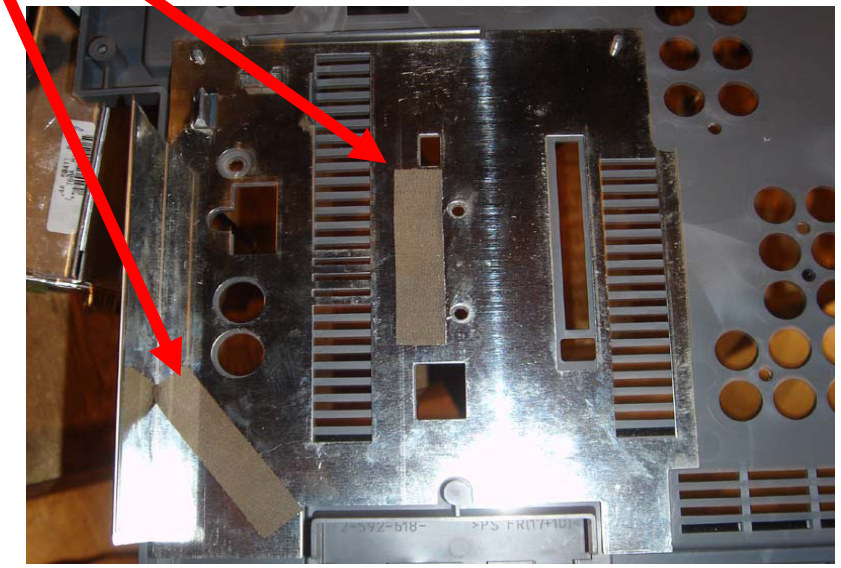


191001690
WIRE ASSY, FASTON TERMINAL
Secure w/ B1 Shield Screw

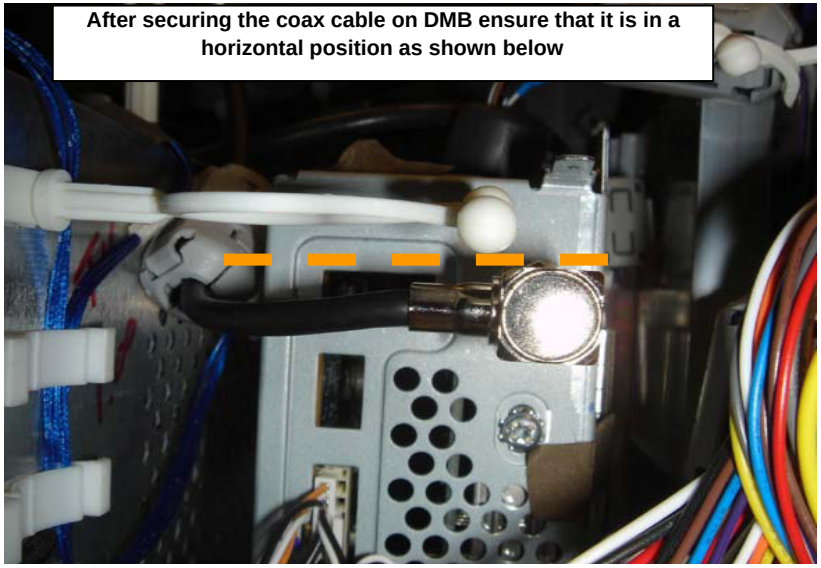
231876601
ELECTRIC CONDUCTION TAPE, A
(2 Pieces)
Tape Must completely cover connector header and make good contact with shield

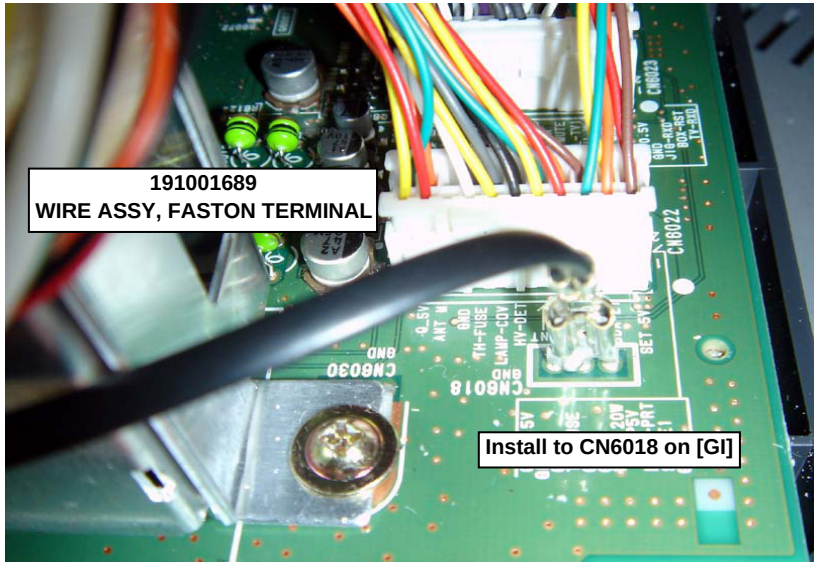
231876601
ELECTRIC CONDUCTION TAPE, A
(1 Piece)

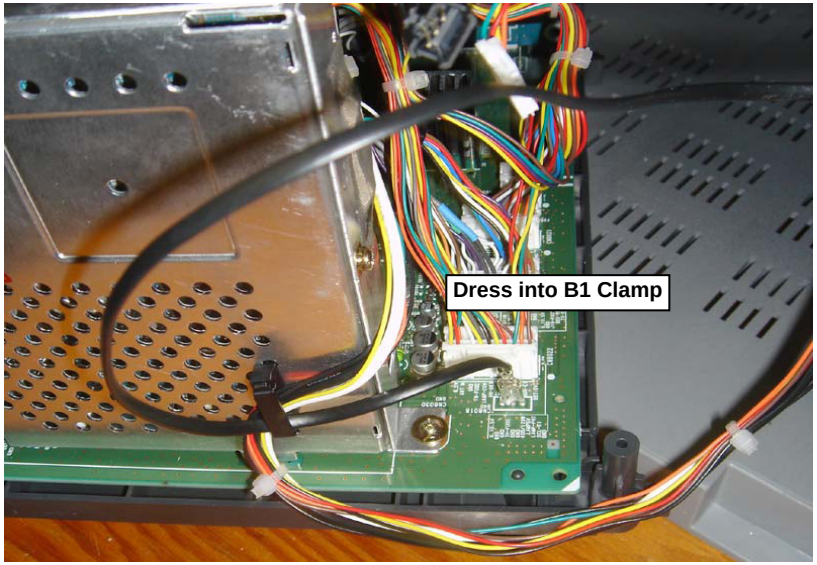


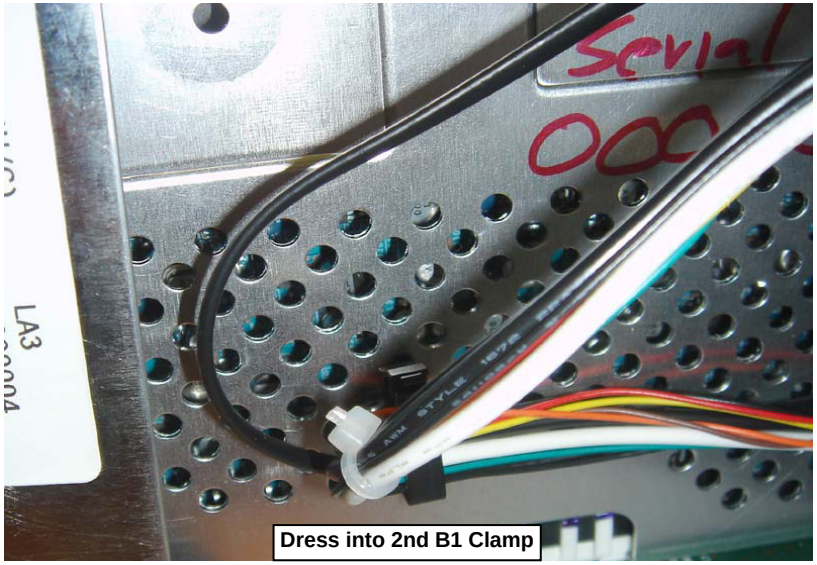


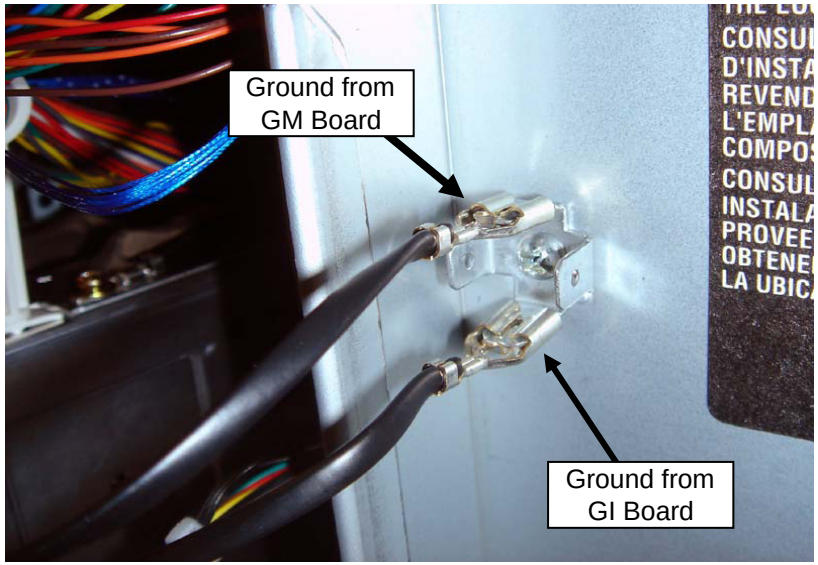
After securing the coax cable on DMB ensure that it is in a horizontal position as shown below

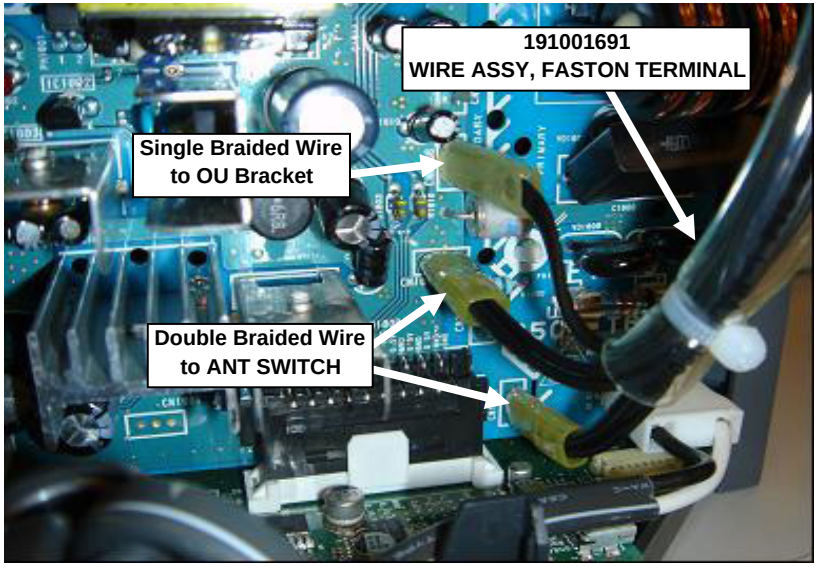


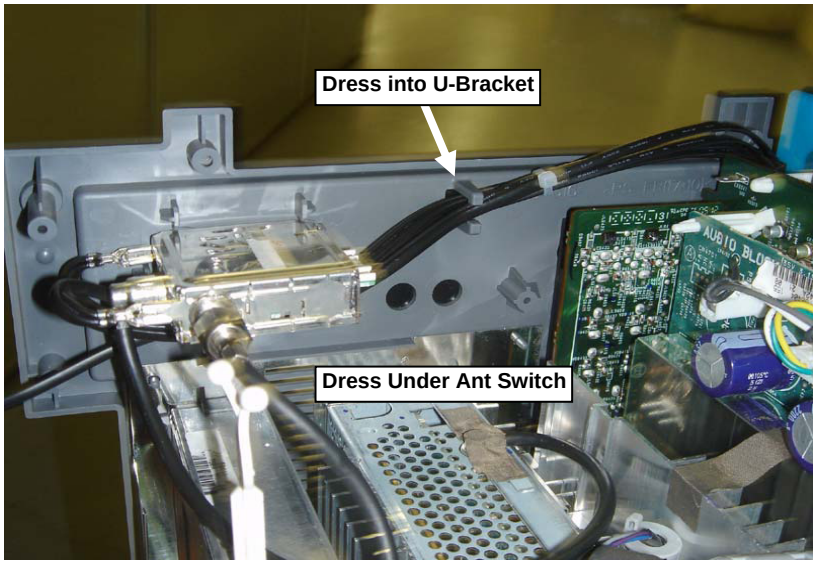

191001689
WIRE ASSY, FASTON TERMINAL
Install to CN6018 on [GI]

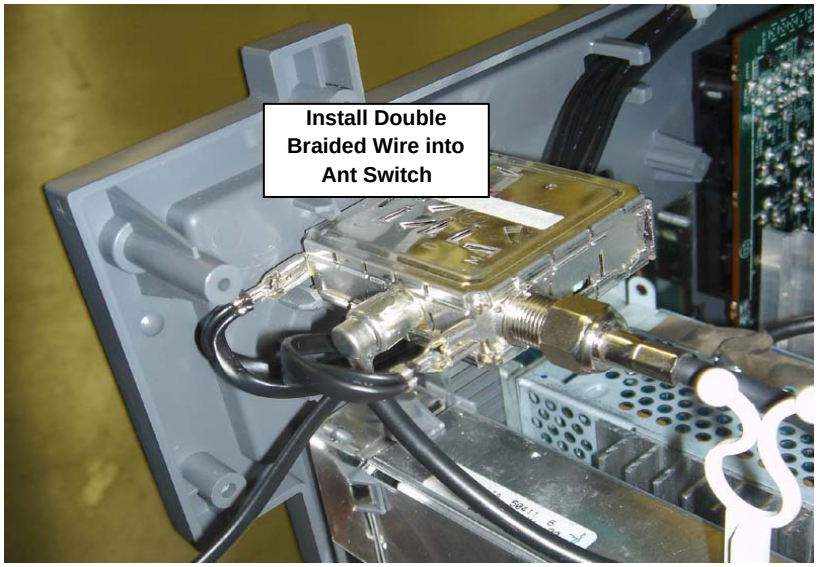

Dress into B1 Clamp

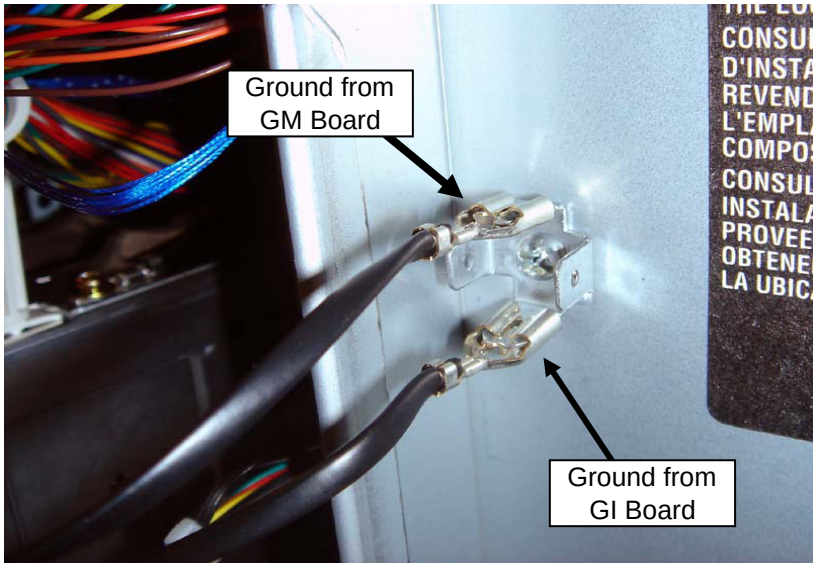

Dress into 2nd B1 Clamp

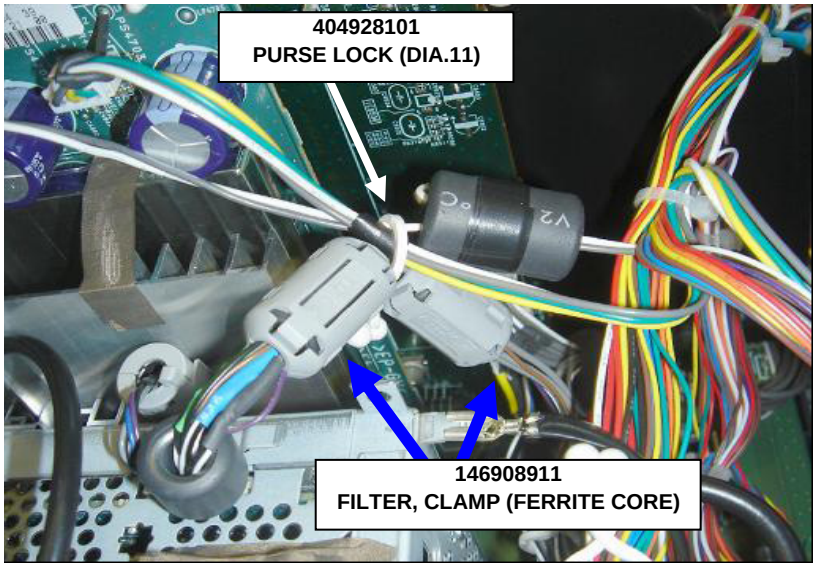

Ground from
GM Board
Ground from
GI Board

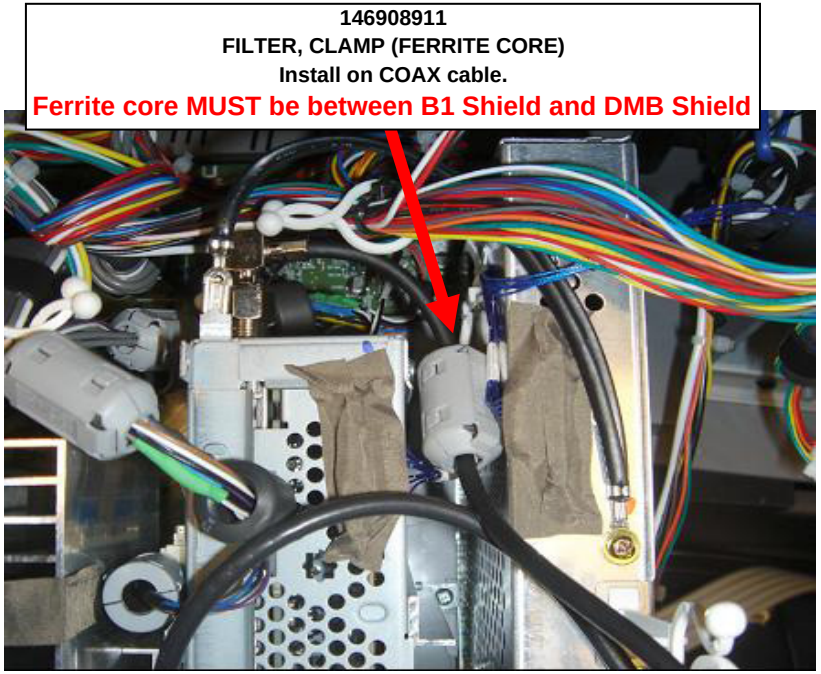

191001691
WIRE ASSY, FASTON TERMINAL
Single Braided Wire to OU Bracket
Double Braided Wire to ANT SWITCH

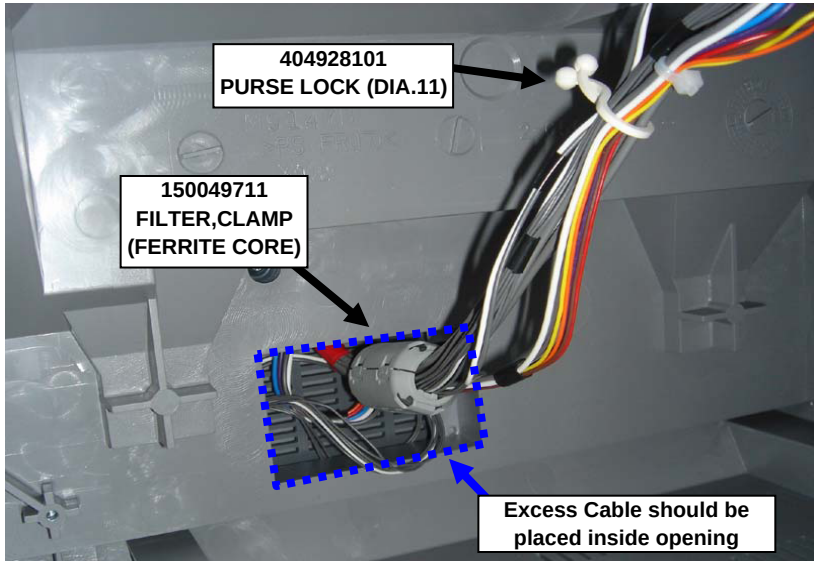

Dress into U-Bracket
Dress Under Ant Switch

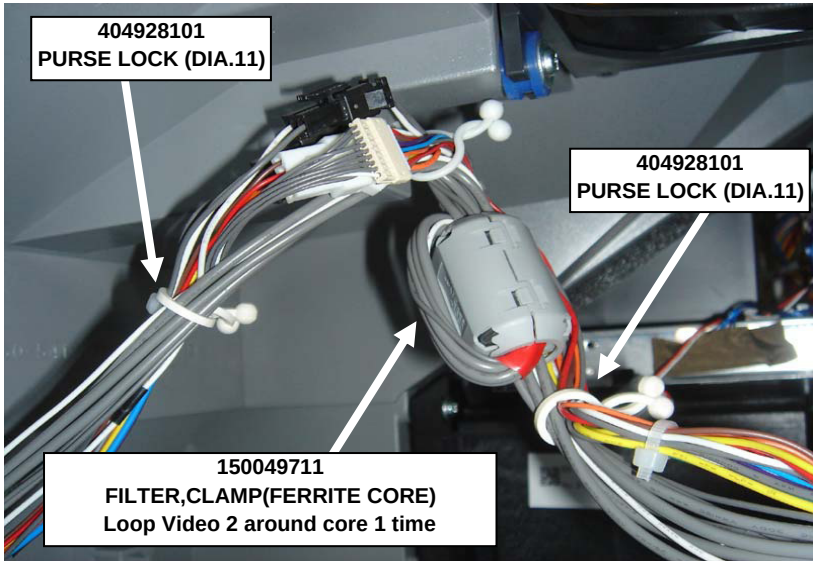

Install Double Braided Wire into Ant Switch

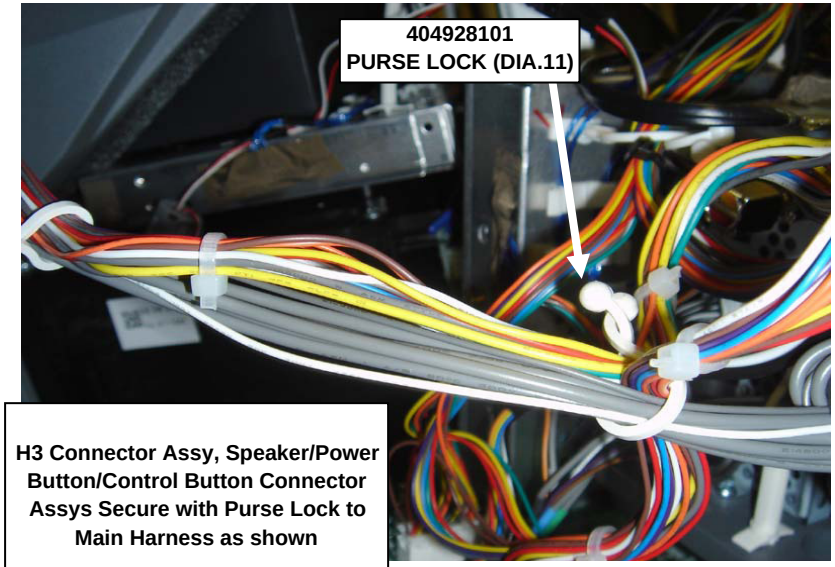

Ground from GM Board
Ground from GI Board


404928101
PURSE LOCK (DIA.11)
146908911
FILTER, CLAMP (FERRITE CORE)

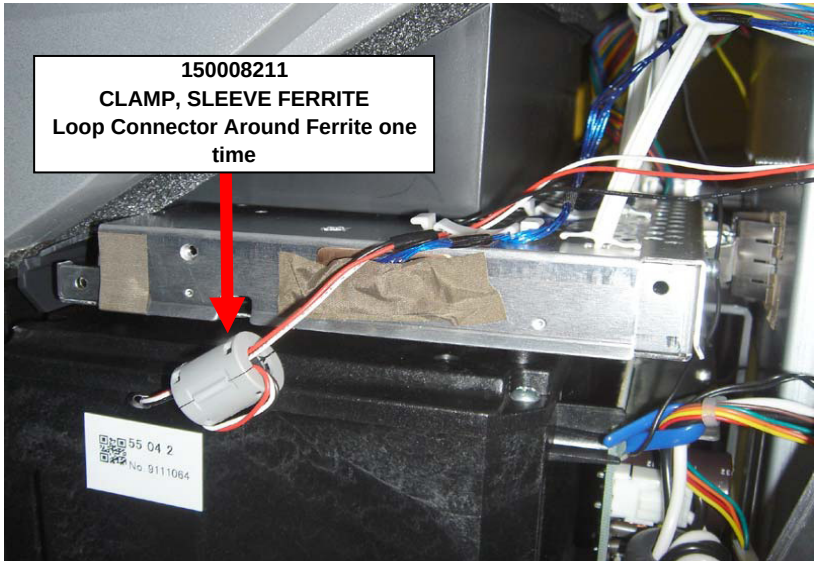

146908911
FILTER, CLAMP (FERRITE CORE)
Install on COAX cable.
Ferrite core MUST be between B1 Shield and DMB Shield

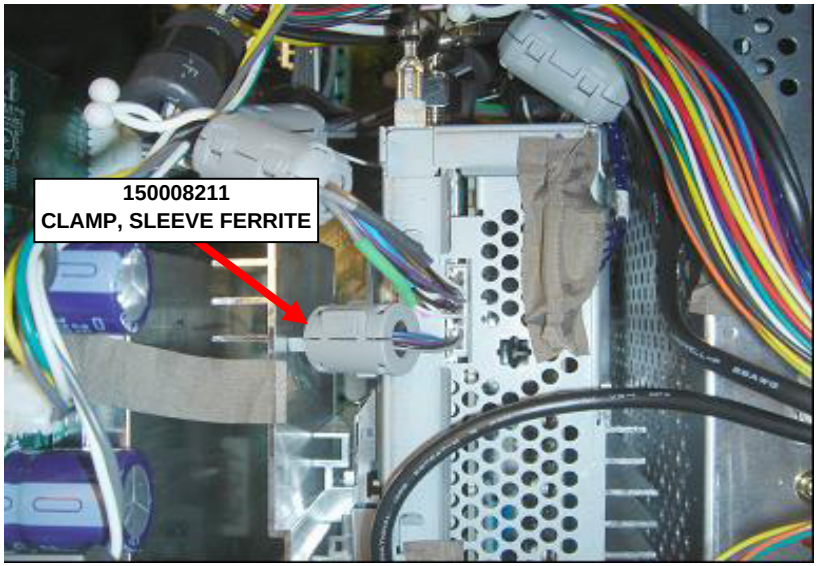

404928101
PURSE LOCK (DIA.11)
150049711
FILTER,CLAMP
(FERRITE CORE)
Excess Cable should be
placed inside opening

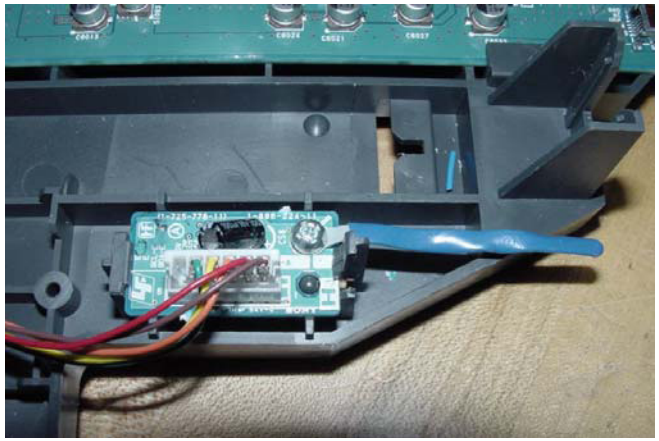

404928101
PURSE LOCK (DIA.11)
404928101
PURSE LOCK (DIA.11)
150049711
FILTER,CLAMP(FERRITE CORE)
Loop Video 2 around core 1 time



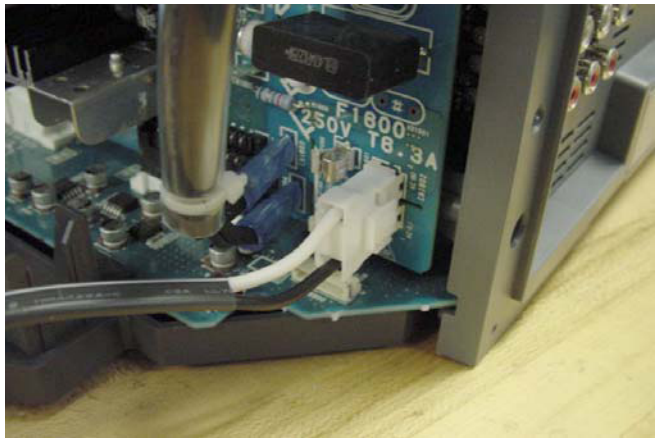
H3 Connector Assy, Speaker/Power Button/Control Button Connector Assys Secure with Purse Lock to Main Harness as shown



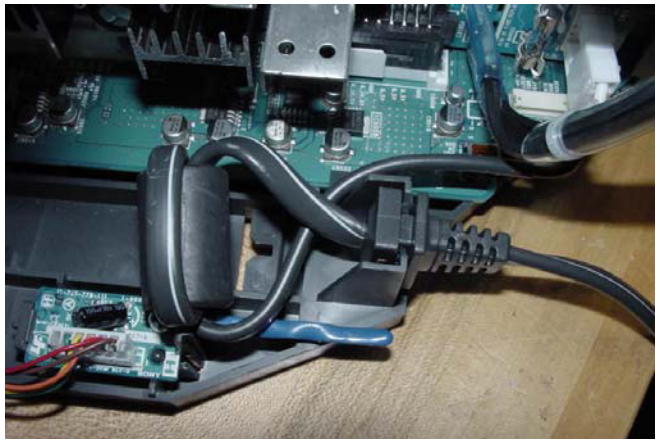




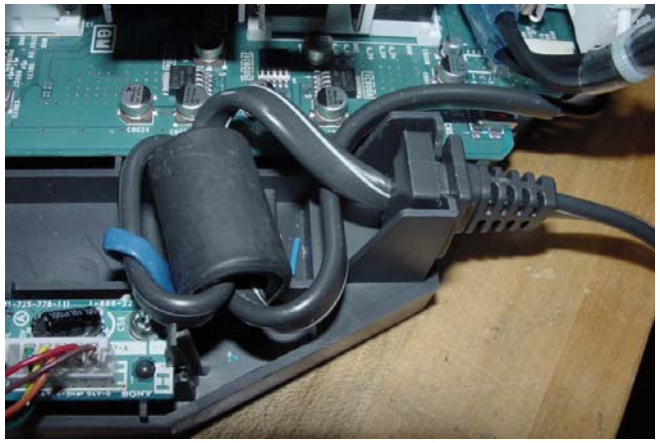
1. Install 4-662-796-01 CLIP, COACHING to H4 Board.
2. Then secure using 7-685-648-71 SCREW +BVTP 3X12 TYPE2 IT-3



1. Install AC Cord to CN1602 on [GM] Board

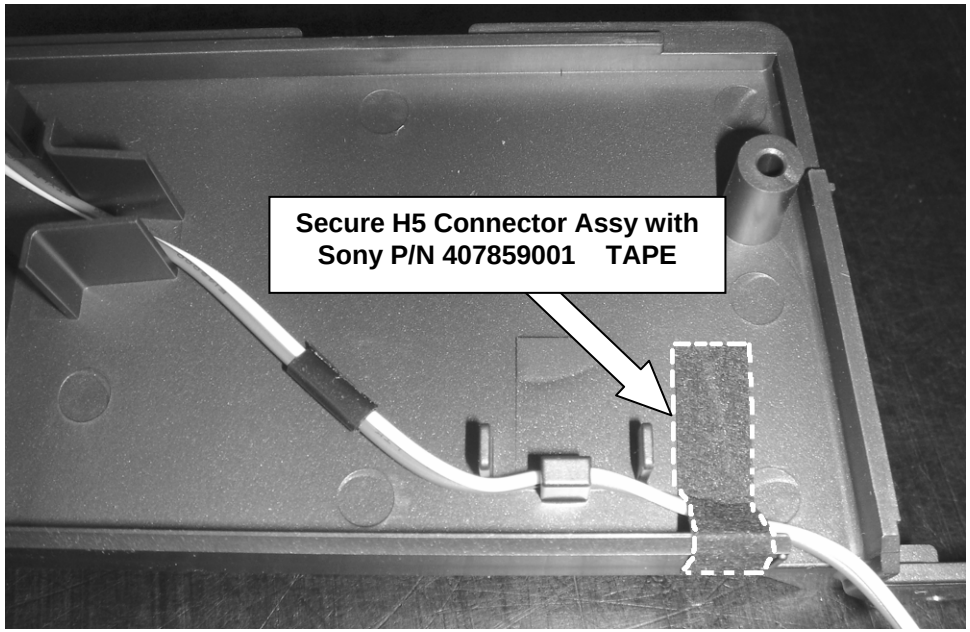


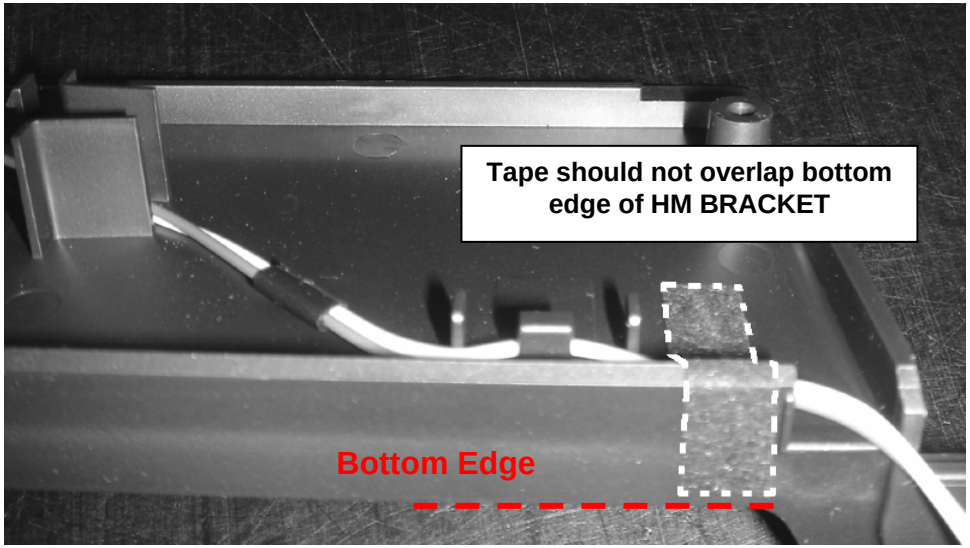
1. Twist AC Cord as shown and install into Chassis bracket.

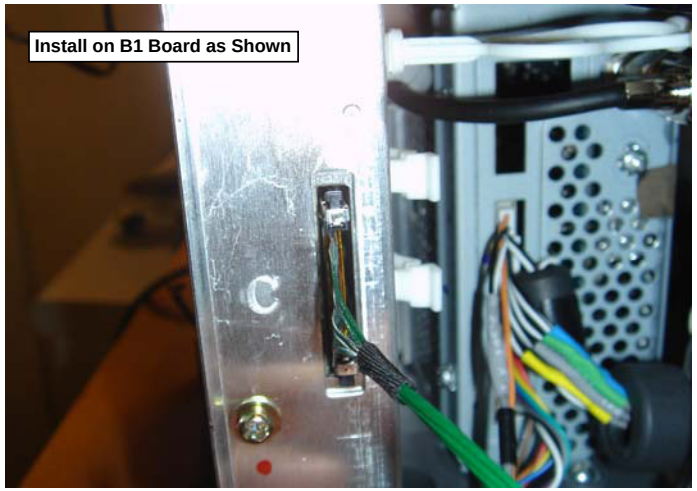


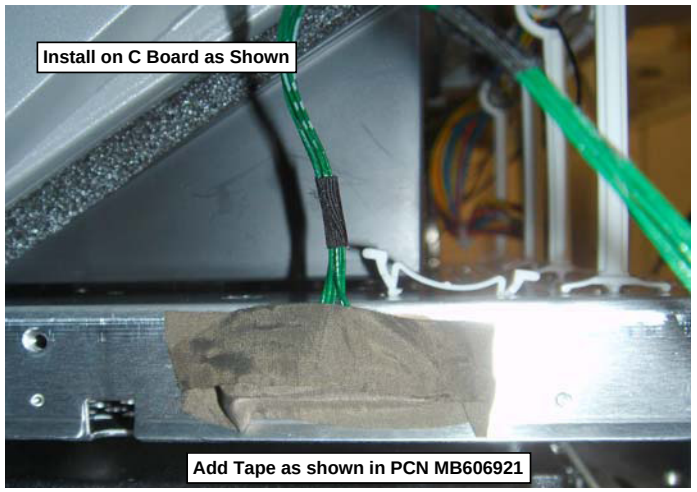
1. Secure AC cord with Clip, Coaching as shown

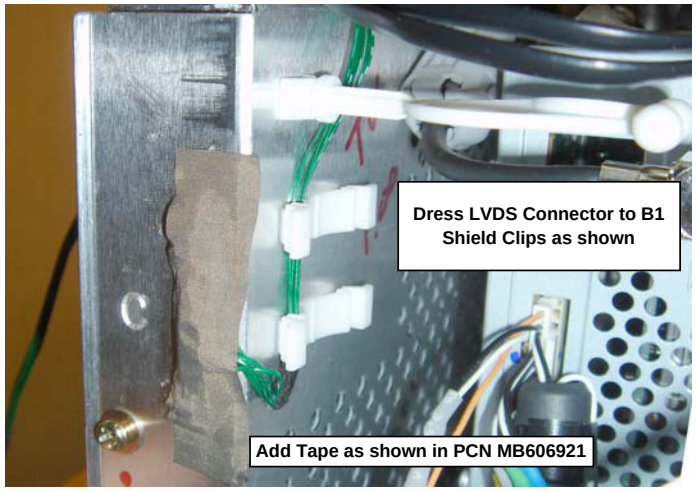
HM BLOCK WIRE DRESSING

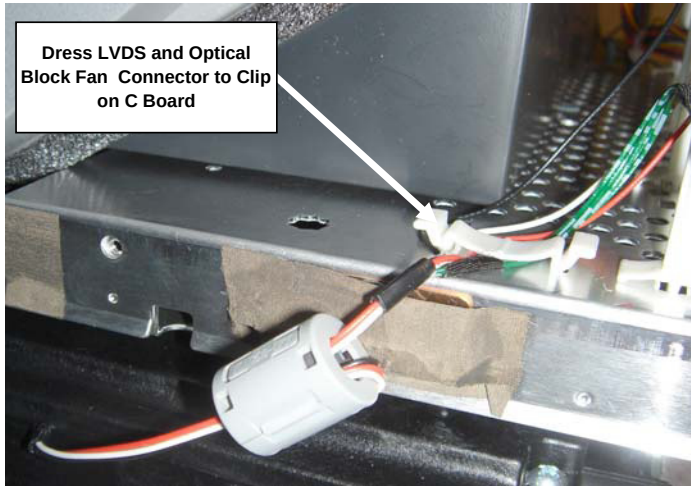


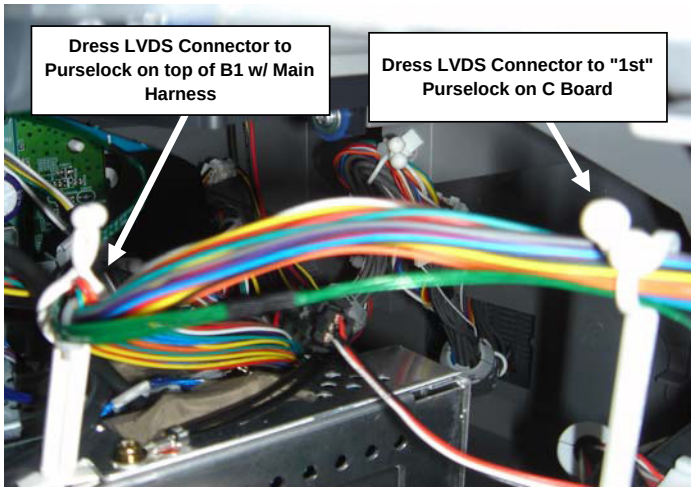


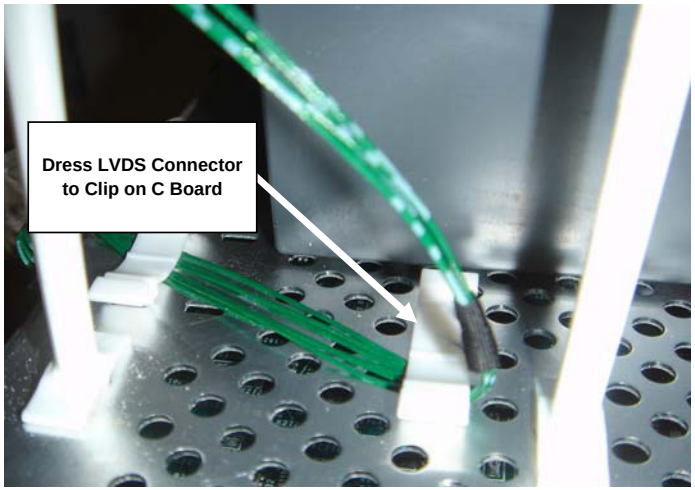

Install on B1 Board as Shown


Install on C Board as Shown
Add Tape as shown in PCN MB606921


Dress LVDS Connector to B1 Shield Clips as shown
Add Tape as shown in PCN MB606921


Dress LVDS and Optical Block Fan Connector to Clip on C Board

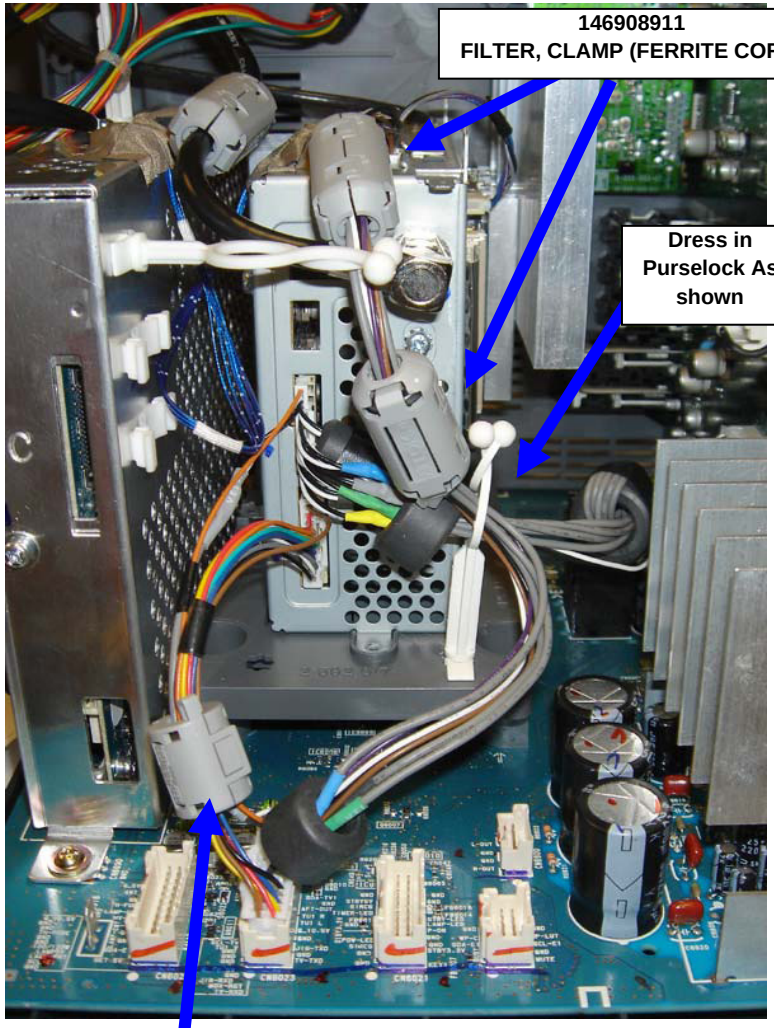


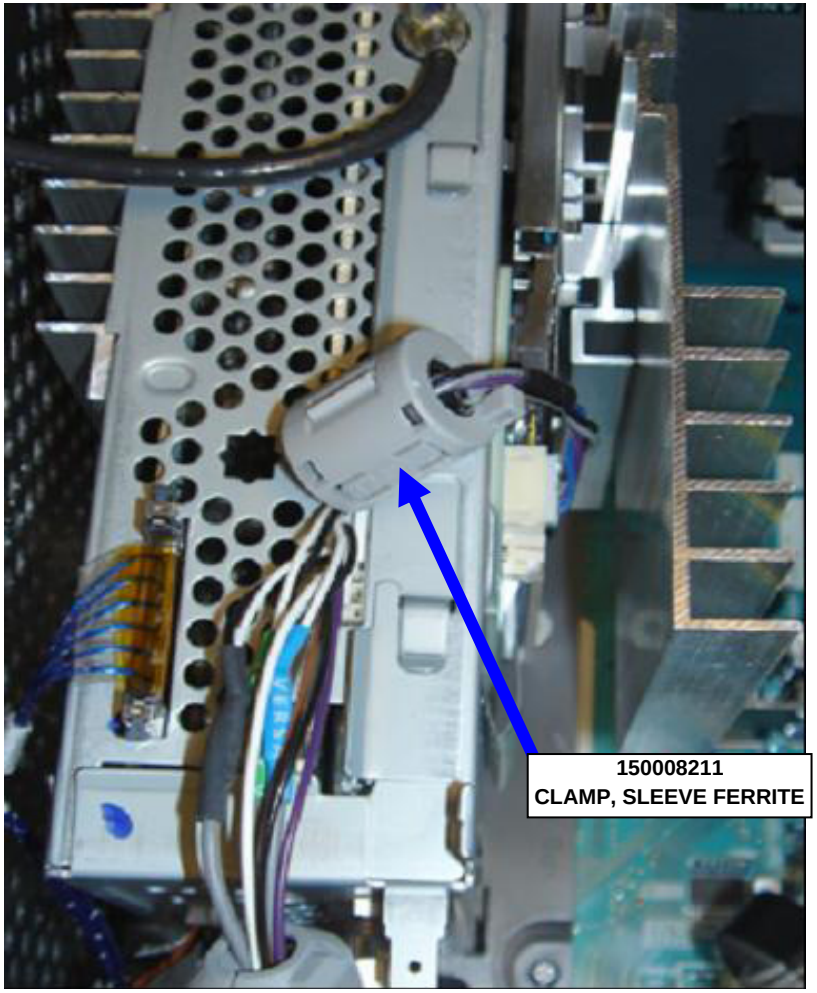


LVDS CONNECTOR WILL CHANGE FROM SONY P/N 1-910-004-95 to 1-830-099-41
SEE RN ECB03799 AND PCN MB607037

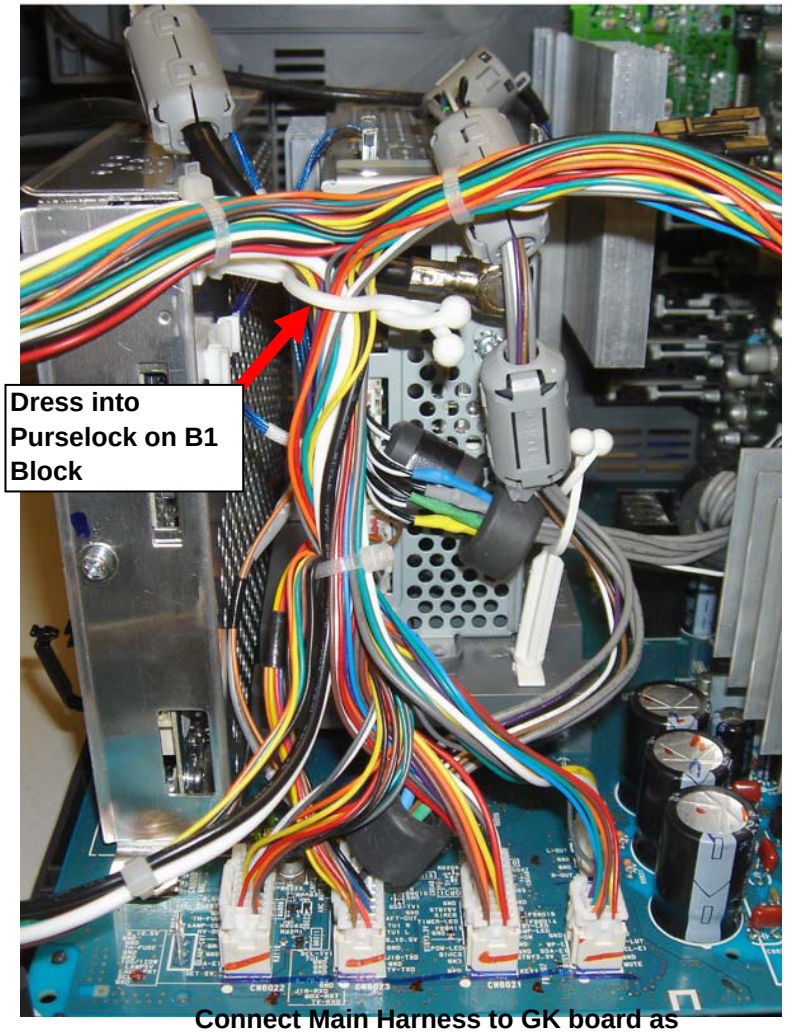
Use these instructions for SN 9,100,001 to 9,799,999 and 9,900,001 and up

CN6023 DMB CONN ASSY WIRE DRESSING

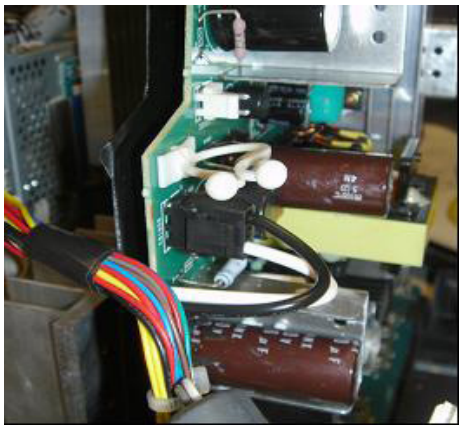




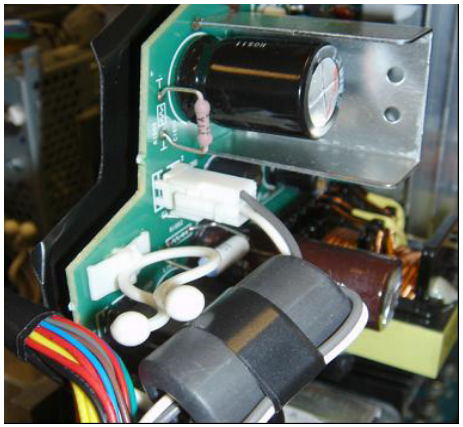
Main Harness Wire Dress



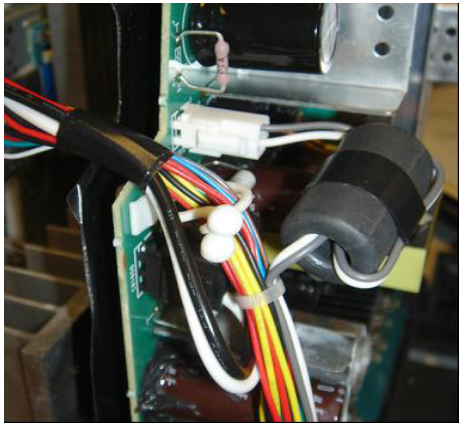
Connect Main Harness to GK board as shown



1. Install CN1608 on [GM]



2. Install CN1612 on [GM]

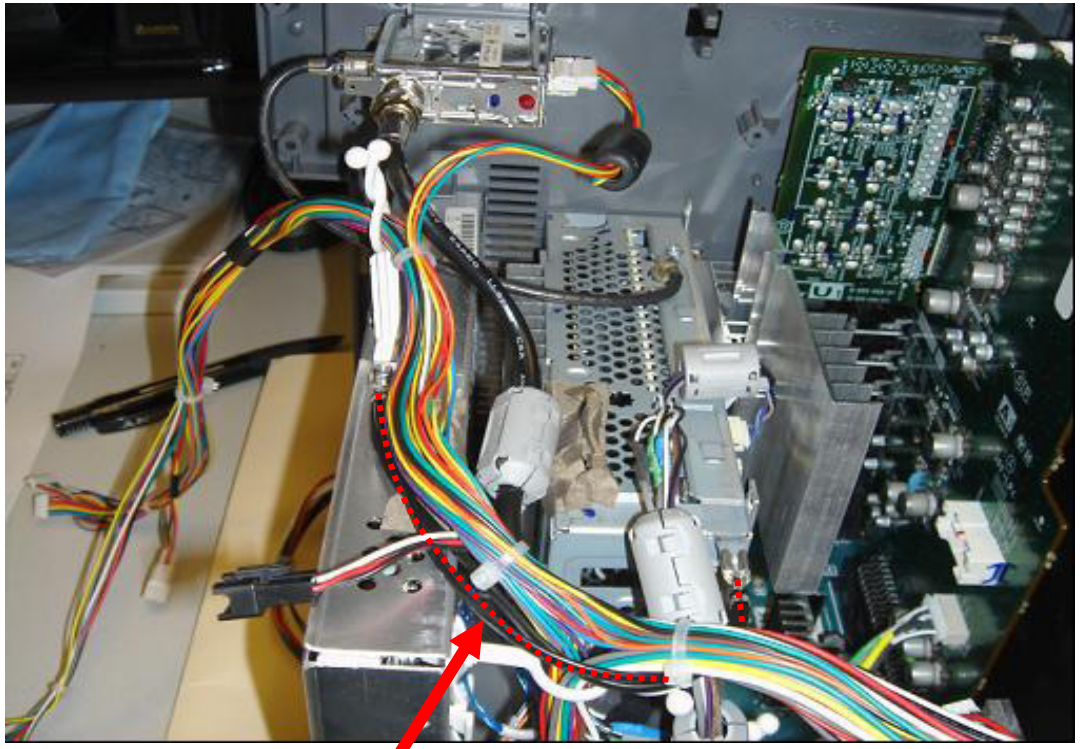


3. Dress to Purselock as shown

Note: CN1608 is not in purselock.

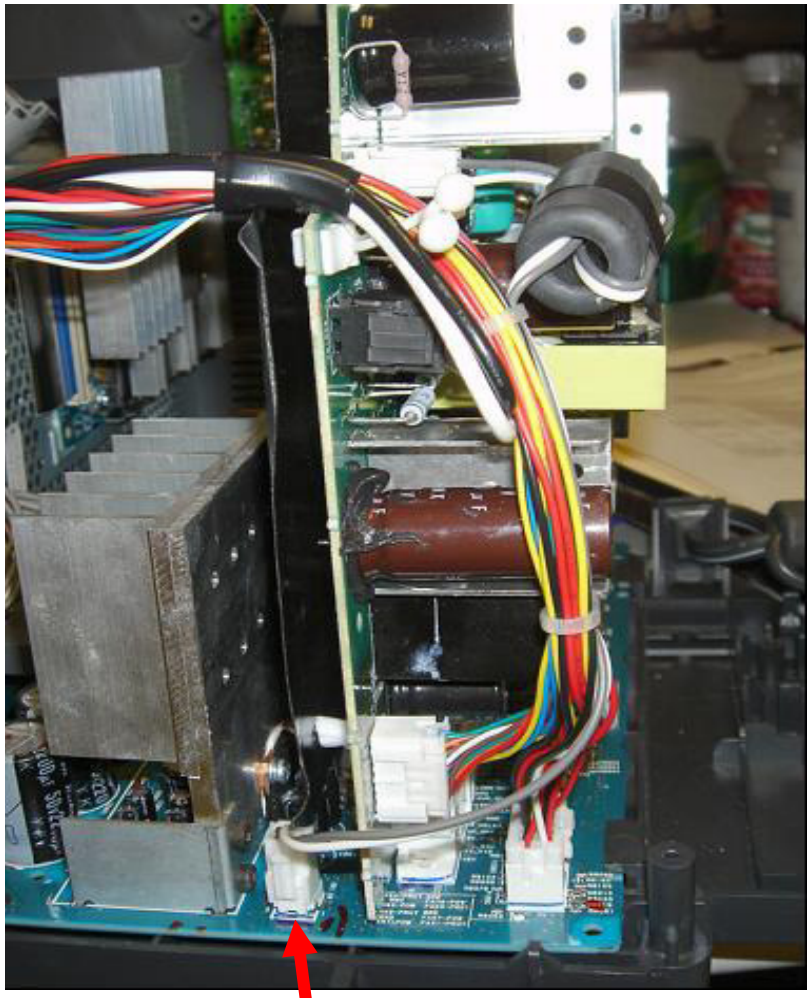
Main Harness Wire Dress (continued)

LEFT HAND SIDE OF MAIN HARNESS



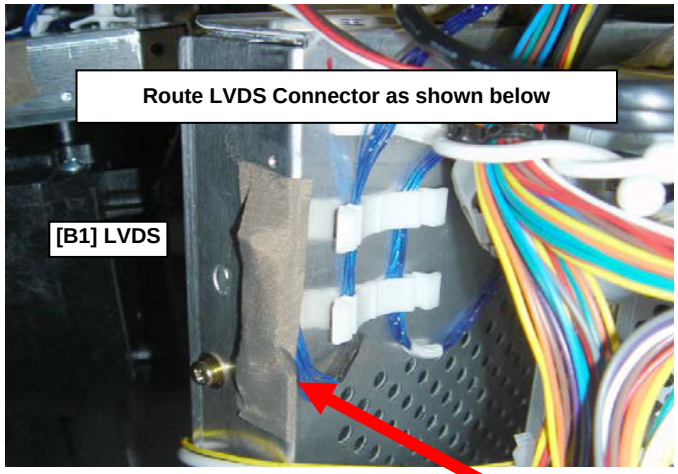
1-910-016-90 WIRE ASSY, FASTON TERMINAL SHOULD GO AROUND MAIN HARNESS AND DMB CONNECTOR

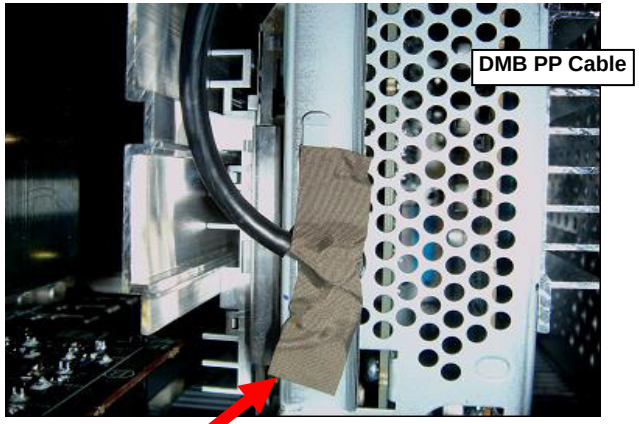
RIGHT HAND SIDE OF MAIN HARNESS



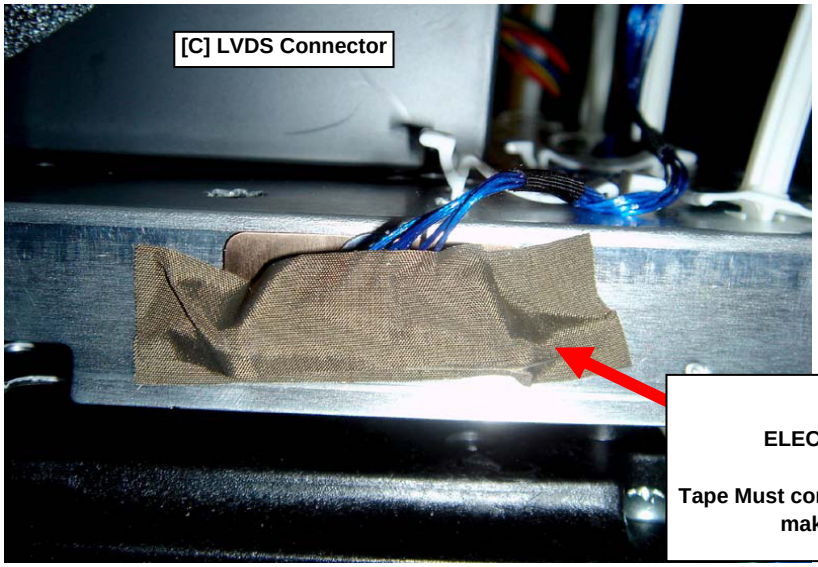
Install CN6601 on GK Board

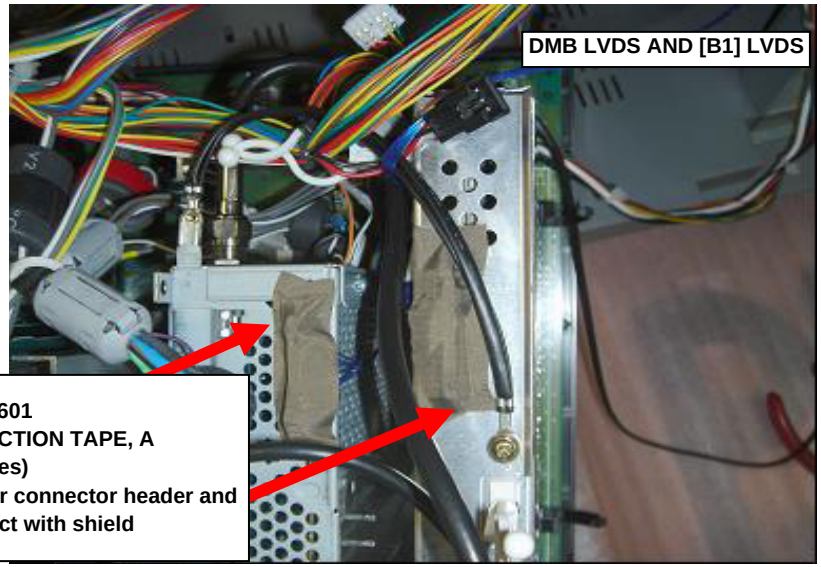
Conductive Tape Application





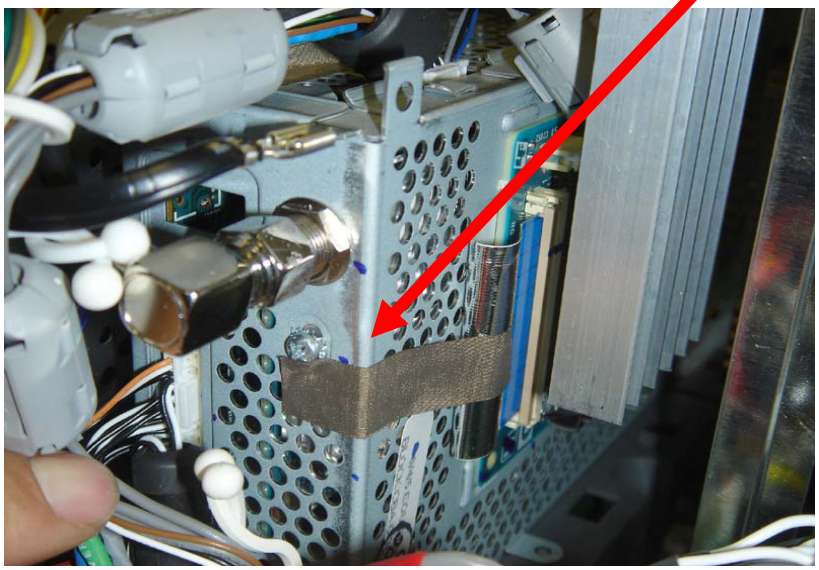
231876601
ELECTRIC CONDUCTION TAPE, A
(1 Piece)

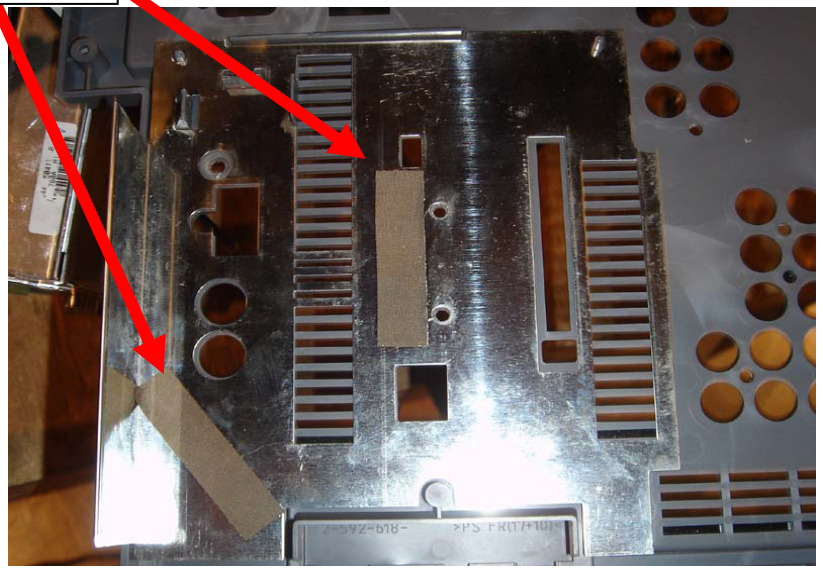




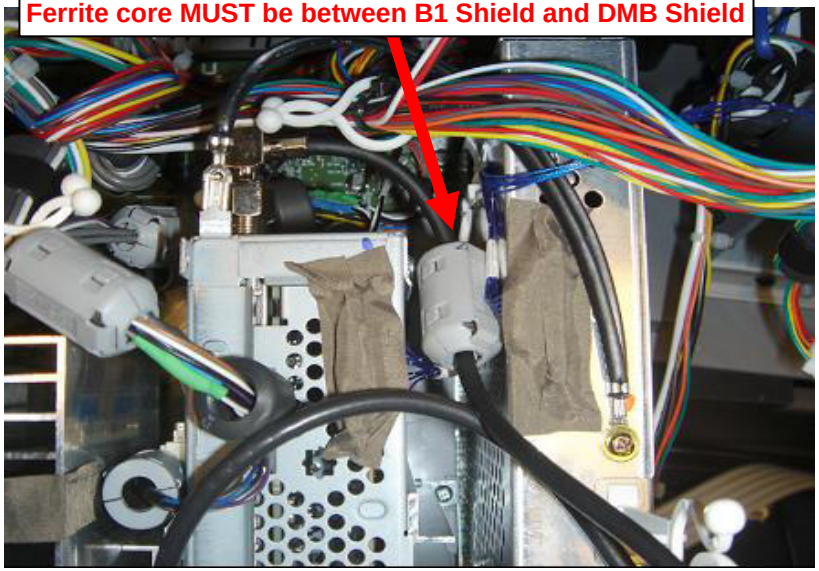
231876601
ELECTRIC CONDUCTION TAPE, A
(2 Pieces)
Tape Must completely cover connector header and make good contact with shield

231876601
ELECTRIC CONDUCTION TAPE, A
(1 Piece)

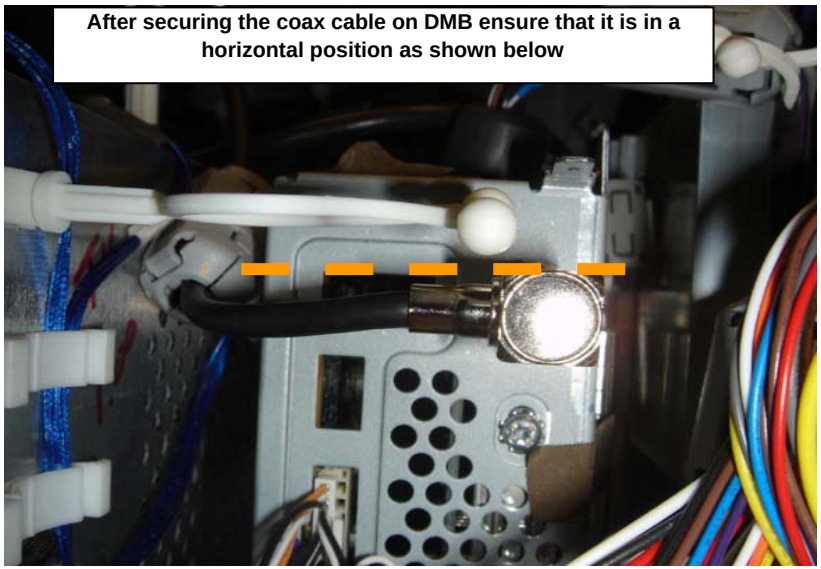


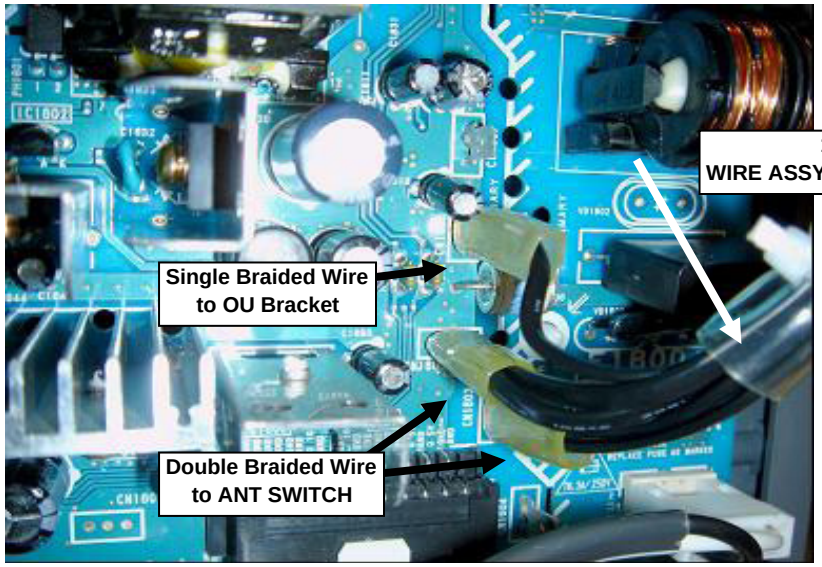


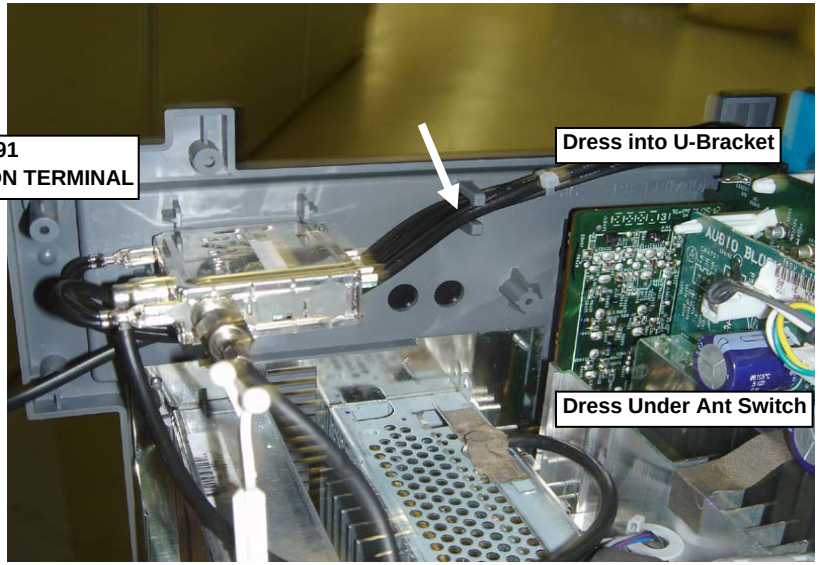
146908911
FILTER, CLAMP (FERRITE CORE)
Install on COAX cable.
Ferrite core MUST be between B1 Shield and DMB Shield

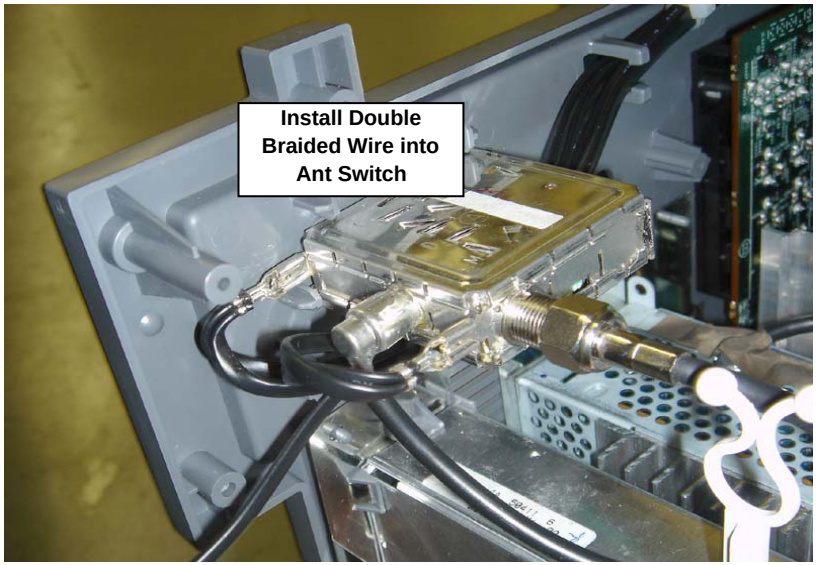


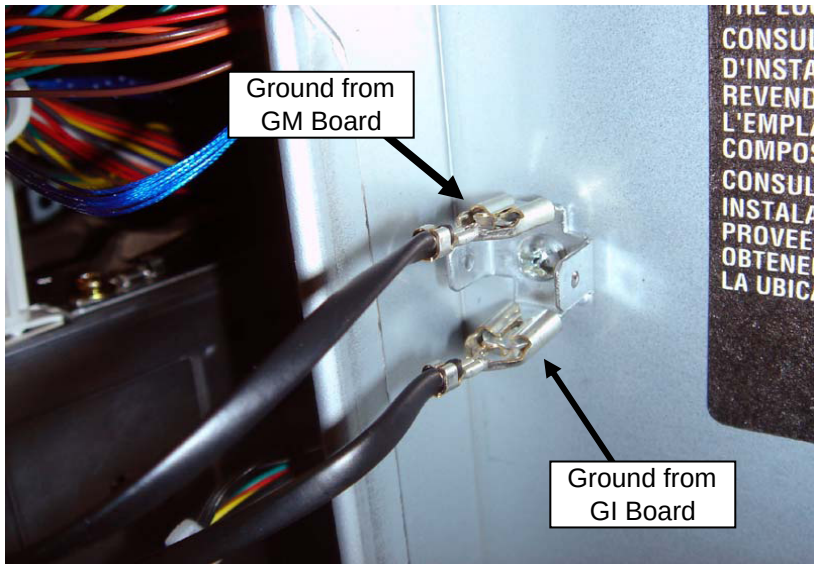
After securing the coax cable on DMB ensure that it is in a horizontal position as shown below

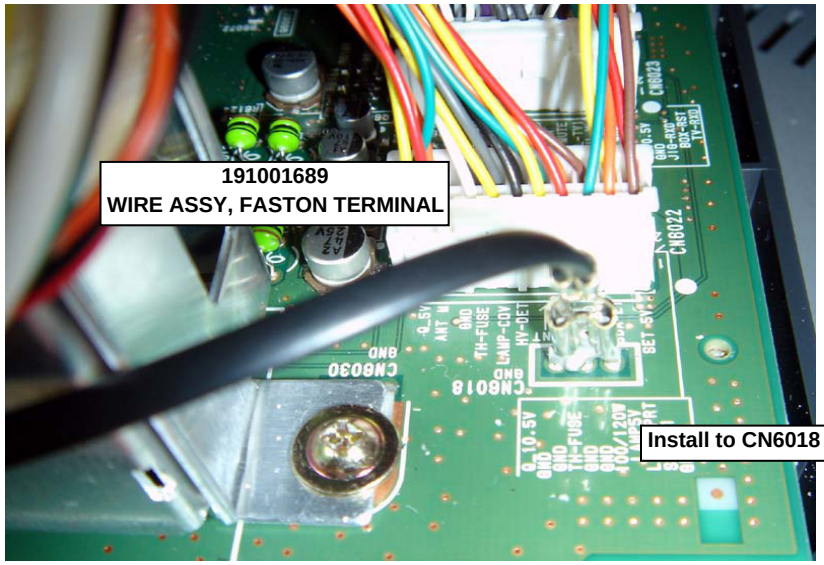


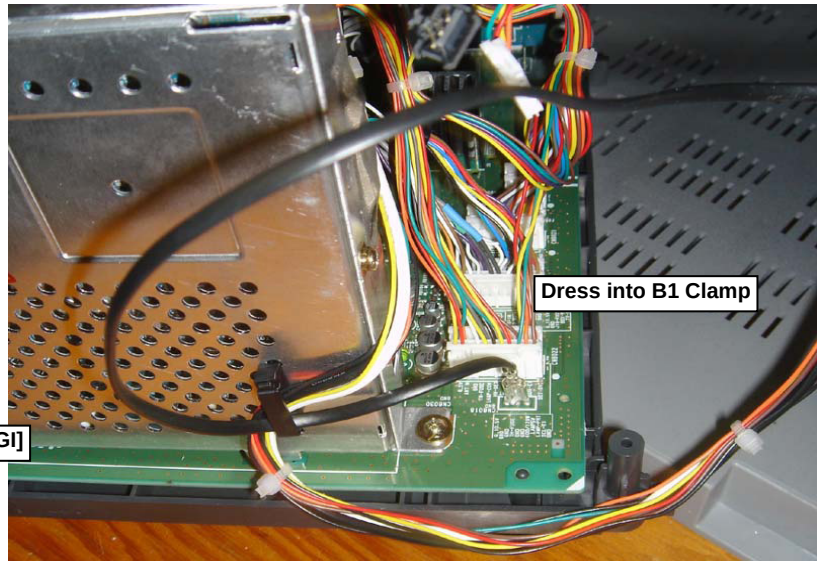

191001691
WIRE ASSY, FASTON TERMINAL
Single Braided Wire to OU Bracket
Double Braided Wire to ANT SWITCH

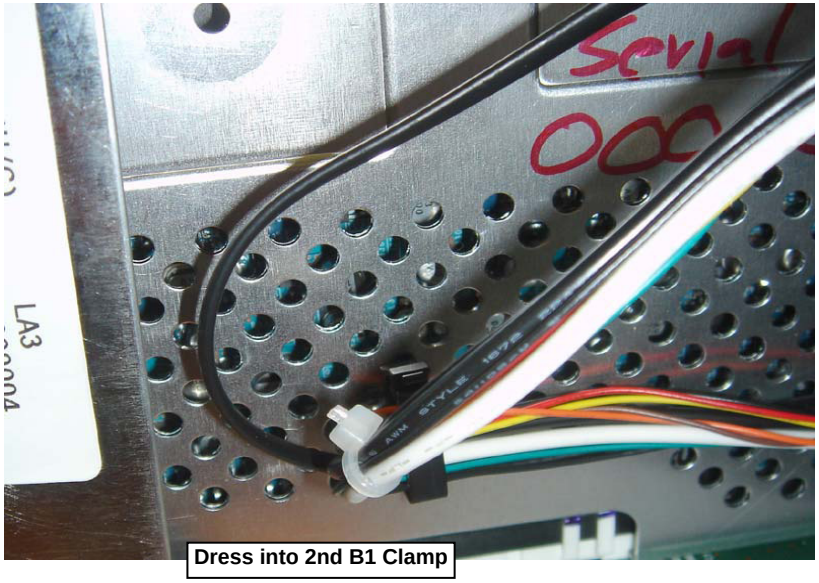

Dress into U-Bracket
Dress Under Ant Switch

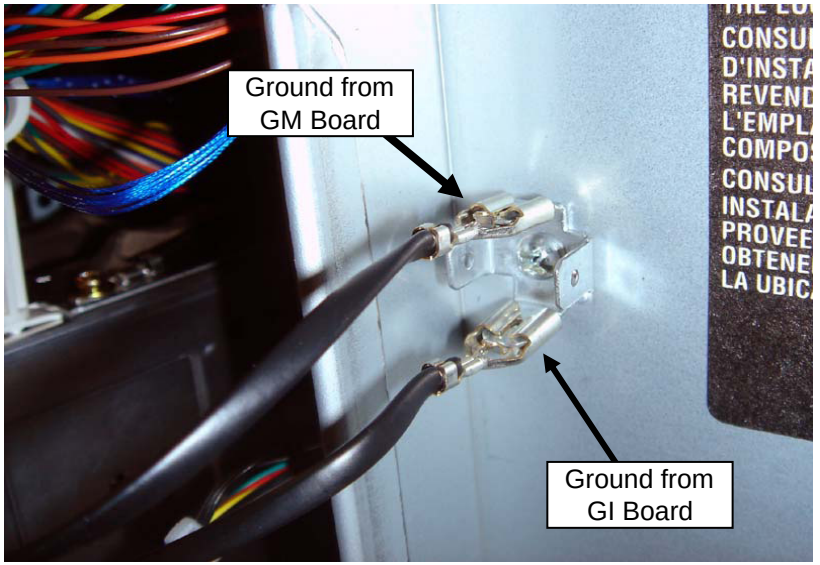

Install Double Braided Wire into Ant Switch

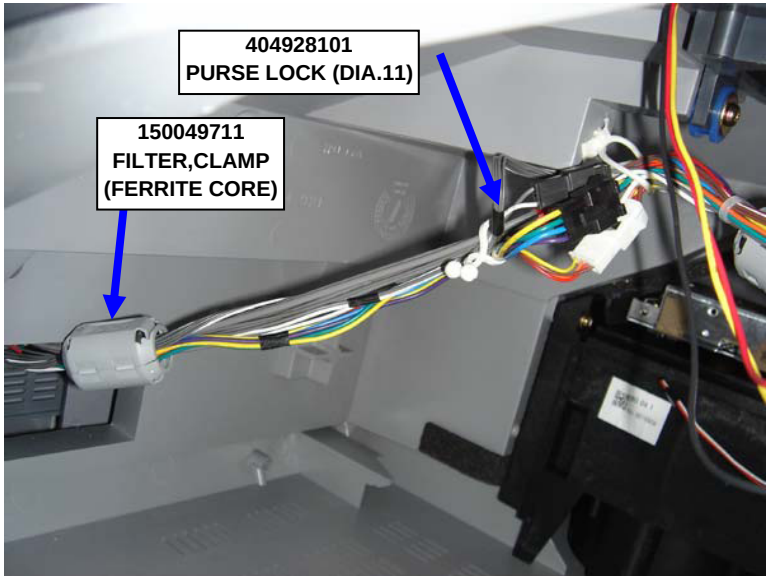

Ground from GM Board
Ground from GI Board

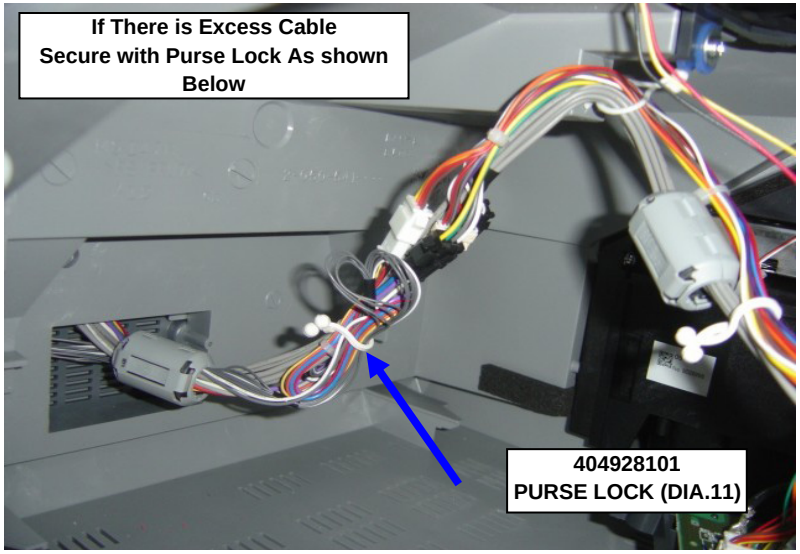

191001689
WIRE ASSY, FASTON TERMINAL
Install to CN6018 on [GI]

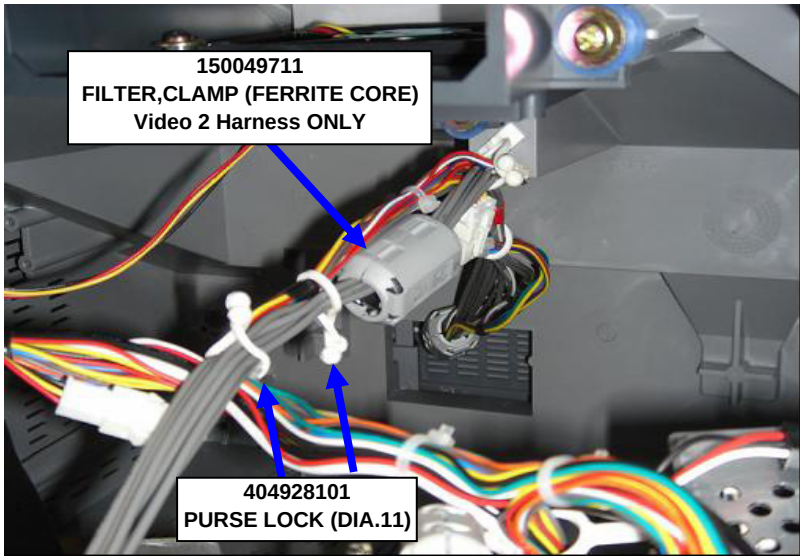

Dress into B1 Clamp

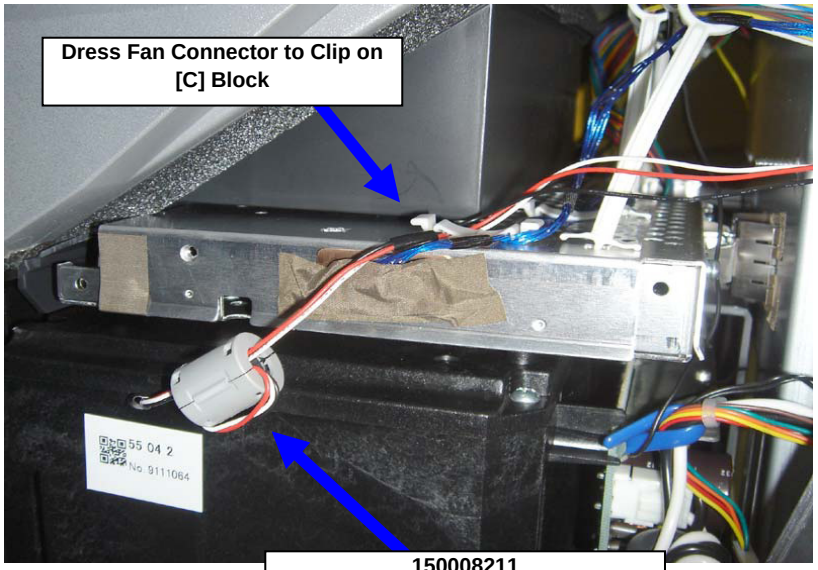

Serial
000
Dress into 2nd B1 Clamp

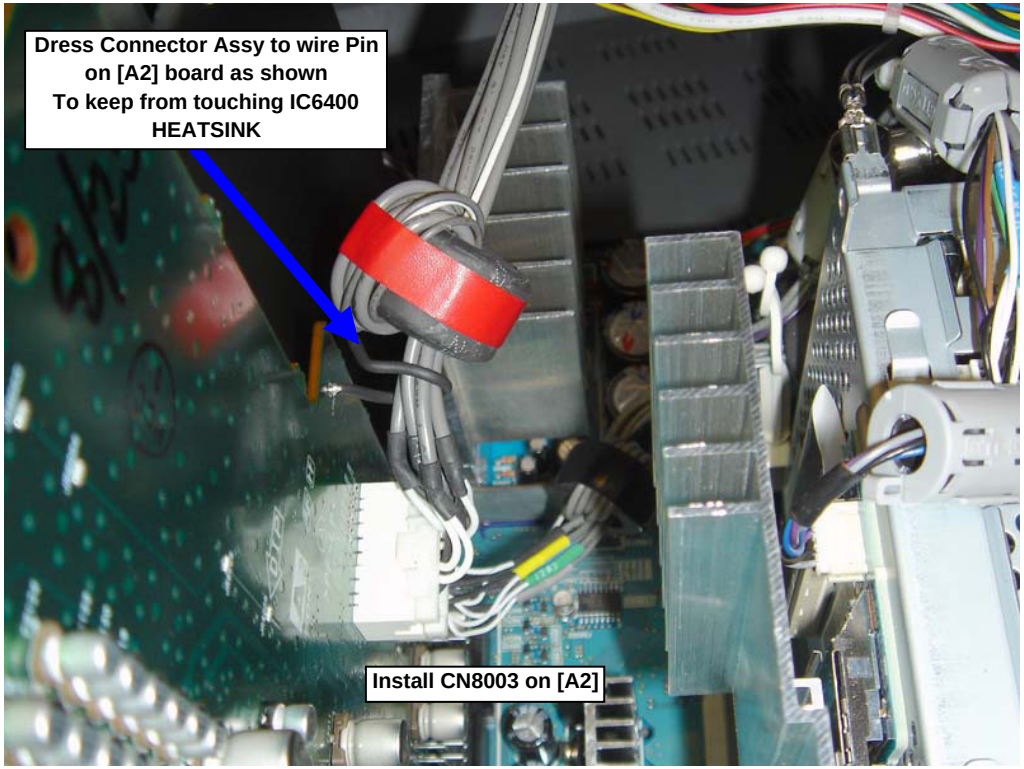

Ground from
GM Board
Ground from
GI Board


404928101
PURSE LOCK (DIA.11)
150049711
FILTER,CLAMP
(FERRITE CORE)


If There is Excess Cable
Secure with Purse Lock As shown
Below
404928101
PURSE LOCK (DIA.11)

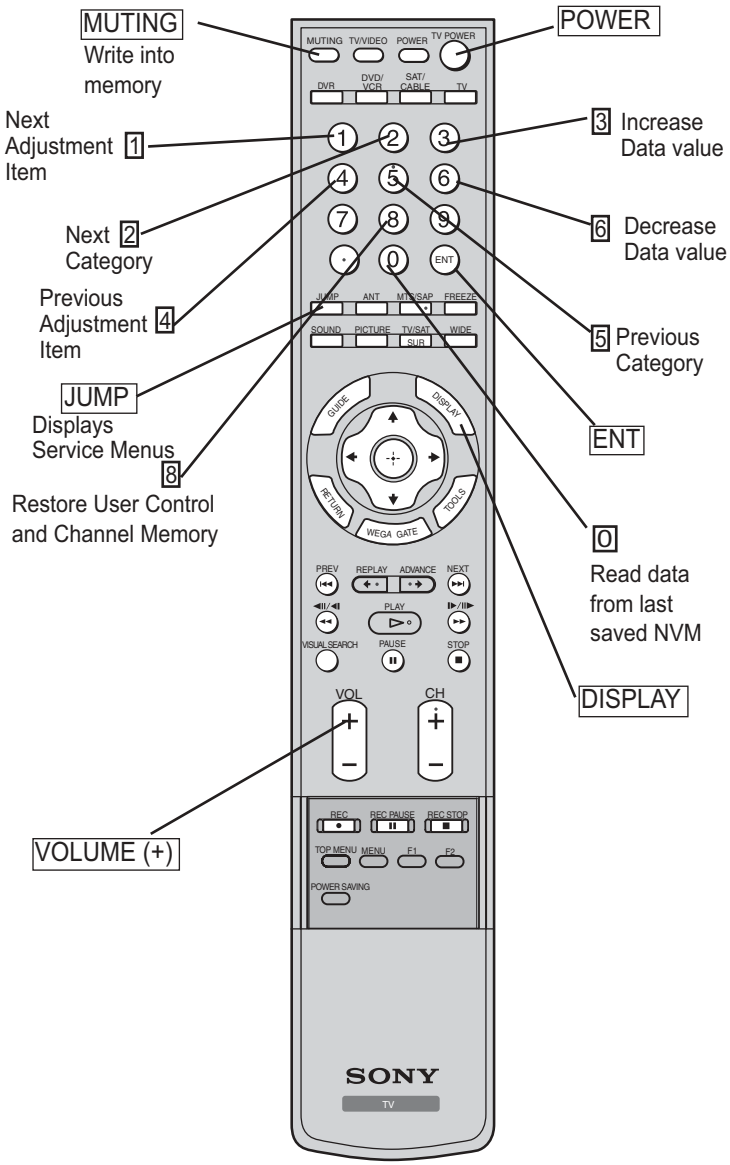

150049711
FILTER,CLAMP (FERRITE CORE)
Video 2 Harness ONLY
404928101
PURSE LOCK (DIA.11)


Dress Fan Connector to Clip on
[C] Block
150008211
CLAMP, SLEEVE FERRITE
Loop Connector Around Ferrite one
time


Dress Connector Assy to wire Pin
on [A2] board as shown
To keep from touching IC6400
HEATSINK
Install CN8003 on [A2]

SECTION 2: CIRCUIT ADJUSTMENTS

2-1. REMOTE ADJUSTMENT BUTTONS AND INDICATORS

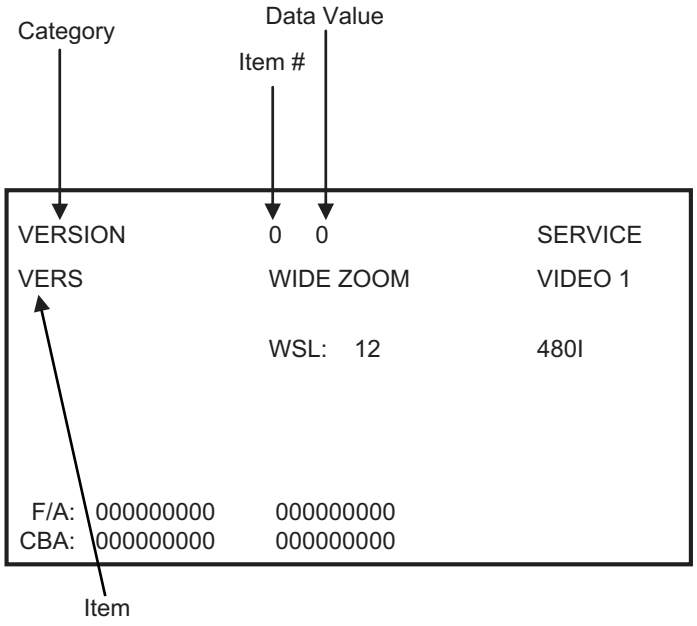


RM-YD002

2-2. ACCESSING THE SERVICE ADJUSTMENT MODE

To adjust various set features, use the Remote Commander to put the set into service mode to display the service menus.

1. TV must be in standby mode. (Power off).
2. Press the following buttons on the Remote Commander within a second of each other:
   DISPLAY → Channel 5 → Volume + → POWER.
   The first service menu (TV) displays.
3. To display the service menu that contains the category you want to adjust, press JUMP on the Remote Commander.
   (Refer to Service Menus)



Sample TV Service Menu

2-3. CHANGING SERVICE ADJUSTMENT MODE MEMORY

1. Access Service Adjustment Mode and select the service menu you want to adjust.
2. To change the **category**, press 2 or 5 on the Remote Commander.
   Note: Pressing 2 or 5 only changes the categories within the service menu displayed. To change a category on one of the other service menus, press the JUMP button until the correct service menu is displayed.
3. To change the **adjustment item**, press 1 or 4 on the Remote Commander.
4. To change the **data value**, press 3 or 6 on the Remote Commander.
   Note: To go back to the last saved data value, press 0 then ENTER on the Remote Commander to read the memory.
5. To write into memory, press MUTING then ENT on the Remote Commander.
6. To exit service mode, turn the power off.

SERVICE MENUS

(CATEGORIES ONLY)

TV	DMB ASSEMBLY	PANEL
VERSION	QM	OP
ID	QT	A7001R
OSD		A7001G
CCD		A7001B
CCT		GB_RGB
OPTIONS		FAN_CNT1
AP		FAN_CNT2
CXA2229Q		TEMP
USER_NR		OSD_E
LPF_1		OPTION_E
LPF_2		S_MAS_M
SNNR		S_MAS_S
SNSS		J_L004
CCPM_(1-12)		D9809_1
HELIOS_(1-5)		D9809PIC
SCREEN		D9809TPN
DCP_INT		D9809CUR
DCP_OSD		D9809TG1
DCP_BLK		D9809OSD
DCP_ADJ1		D9809HPF
DCP_ADJ2		D9809CSC
DCP_USER		D9809CGA
DCP_AVP		D9809HUE
HDMI		IMG_SHFT
		PROT_CNT

2-4. MEMORY WRITE CONFIRMATION METHOD

1. After completing all adjustments turn the set off with the Remote Commander and **WAIT** for the fans to turn off before proceeding to the next step.

   Note: It may take up to two minutes for the fans to stop.

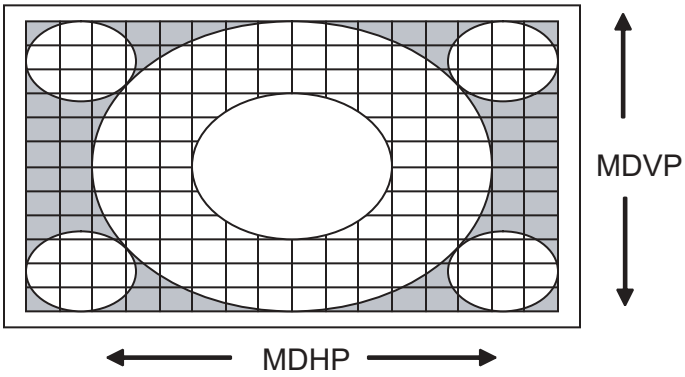
   Caution: To avoid over heating the lamp, do not unplug the set until the fans have stopped.
2. After the fans have stopped, unplug the set from the AC outlet, then plug the set back in the AC outlet.
3. To verify the changes repeat steps 2 through 5 from sections 2-2. Accessing the Service Adjustment Mode and 2-3. Changing Service Adjustment Mode Memory.
4. To exit service mode, turn the power off.

Note: To restore the User Controls and Channel Memory settings to the preset factory conditions, put the set into service mode (step 2 from 2-1. Accessing the Service Adjustment Mode), then press 8 then ENT on the Remote Commander. The set will restart and display the initial setup screen.

2-5. H/V CENTER CONFIRMATION AND ADJUSTMENTS

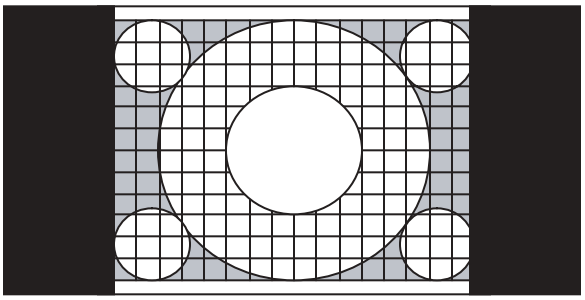
Please check the picture horizontal/vertical center after the replacement of the Optics Unit Block Assembly or any part of the Top assembly.

1. Check the H/V center with 480i monoscope signal in “Full” mode.
2. If the center is shifted, adjust using the following service items:
   NOTE: Please record the steps shifted as ⊿MDHP and ⊿MDVP .



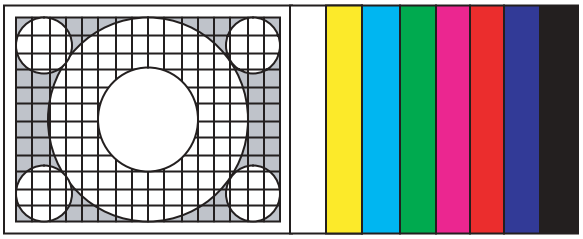
MTCP 9 MDHP (for H center)
10 MDVP (for V center)

3. Change the WIDE mode to “Normal” and change the register data as follows:



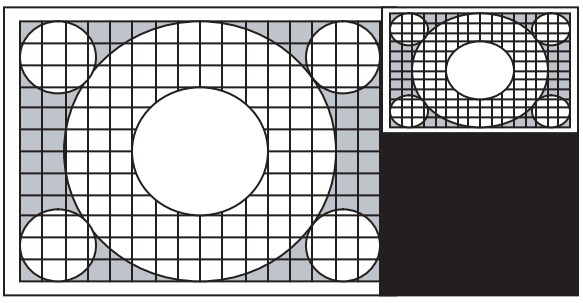
MTCP 9 MDHP + ⊿MDHP
(Don't change the MDVP data)

4. Display the Twin Picture with the “split” button of the remote commander and change the registers data as follows:



MTCP 9 MDHP + ⊿MDHP
10 MDVP + ⊿MDVP

5. Press “Favorites” button and change the registers data as follows:

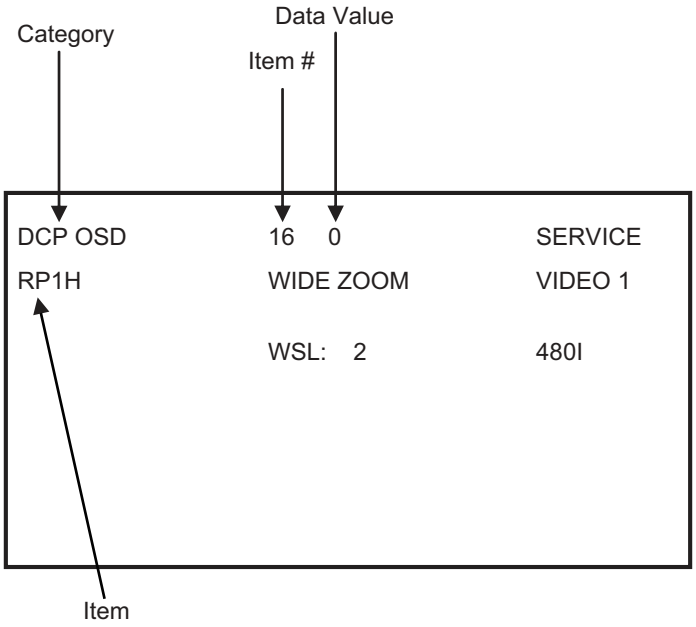


MTCP 9 MDHP + ⊿MDHP
10 MDVP + ⊿MDVP

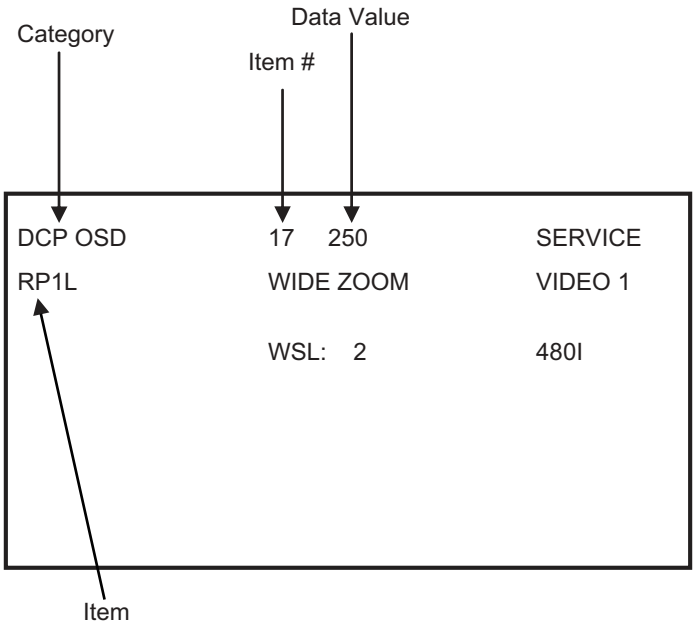
2-6. ADJUSTING ON SCREEN DISPLAY (OSD) POSITION

Use the DCP_OSD category to change the OSD.

1. Access Service Adjustment Mode and select the TV service menu.
2. Press 2 until the DCP OSD category displays.
3. Press 1 until the RP1H item (#16) displays.
4. Verify the **data value** is set to **0**.



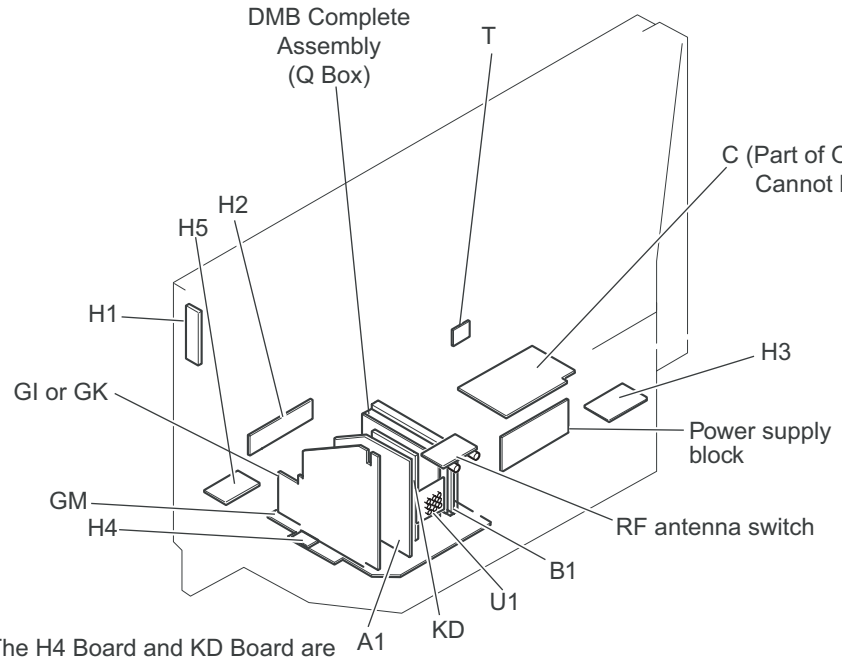
5. Press 1 until the RP1L item (#17) displays.



6. To move the OSD:
   to the right, increase the **data value** by pressing 3.
   to the left, decrease the **data value** by pressing 6.
   Note: To go back to the last saved data value, press 0 then ENTER on the Remote Commander to read the memory.
7. To write into memory, press MUTING then ENT on the Remote Commander.
8. To exit service mode, turn the power off.

SECTION 3: DIAGRAMS

3-1. CIRCUIT BOARDS LOCATION



NOTE: The H4 Board and KD Board are only in SN 9,000,001 to 9,099,999 and 9,800,001 to 9,899,999

3-2. PRINTED WIRING BOARDS AND SCHEMATIC DIAGRAMS INFORMATION

All capacitors are in µF unless otherwise noted. pF : µµF 50WV or less are not indicated except for electrolytics and tantalums.

All electrolytics are in 50V unless otherwise specified.

All resistors are in ohms. kΩ=1000Ω, MΩ=1000kΩ

Indication of resistance, which does not have one for rating electrical power, is as follows: Pitch : 5mm
Rating electrical power : $^1/_4$ W

$^1/_4$ W in resistance, $^1/_{10}$ W and $^1/_{16}$ W in chip resistance.

: nonflammable resistor

: fusible resistor

△ : internal component

: panel designation and adjustment for repair

⊥ : earth ground

⏚ : earth-chassis

All variable and adjustable resistors have characteristic curve B, unless otherwise noted.

Readings are taken with a color-bar signal input.

Readings are taken with a 10MΩ digital multimeter.

Voltages are DC with respect to ground unless otherwise noted.

Voltage variations may be noted due to normal production tolerances.

All voltages are in V.

S : Measurement impossibility.

: B+line.

: B-line. (Actual measured value may be different).

: signal path. (RF)

Circled numbers are waveform references.

The components identified by shading and ⚠ symbol are critical for safety. Replace only with part number specified.

The symbol indicates a fast operating fuse and is displayed on the component side of the board. Replace only with fuse of the same rating as marked.

Les composants identifies per un trame et une marque ⚠ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

Le symbole indique une fusible a action rapide. Doit etre remplace par une fusible de meme yaleur, comme maque.

REFERENCE INFORMATION

RESISTOR

- **: RN METAL FILM**
- **: RC SOLID**
- **: FPRD NONFLAMMABLE CARBON**
- **: FUSE NONFLAMMABLE FUSIBLE**
- **: RW NONFLAMMABLE WIREWOUND**
- **: RS NONFLAMMABLE METAL OXIDE**
- **: RB NONFLAMMABLE CEMENT**
- **: ※ ADJUSTMENT RESISTOR**

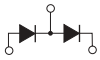
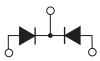
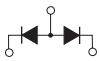
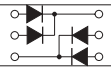
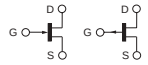
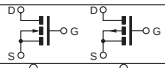
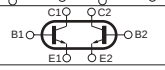
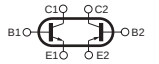
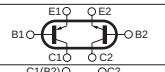
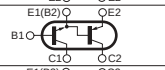
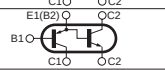
COIL

- **: LF-8L MICRO INDUCTOR**

CAPACITOR

- **: TA TANTALUM**
- **: PS STYROL**
- **: PP POLYPROPYLENE**
- **: PT MYLAR**
- **: MPS METALIZED POLYESTER**
- **: MPP METALIZED POLYPROPYLENE**
- **: ALB BIPOLAR**
- **: ALT HIGH TEMPERATURE**
- **: ALR HIGH RIPPLE**

Terminal name of semiconductors in silk screen printed circuit (※)

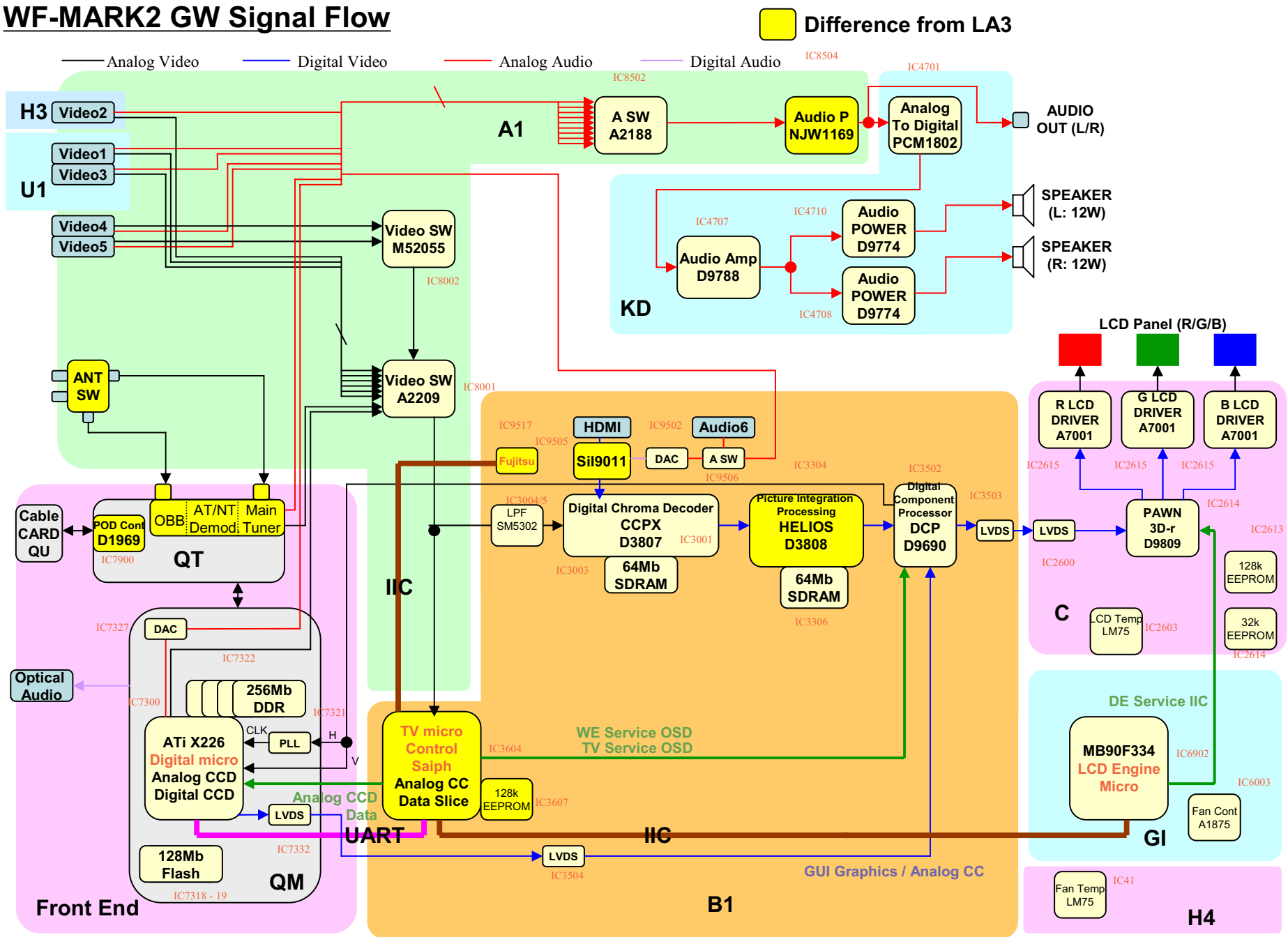
	Device	Printed symbol	Terminal name	Circuit
①	Transistor		Collector Base Emitter	
②	Transistor		Collector Base Emitter	
③	Diode		Cathode Anode	
④	Diode		Cathode Anode (NC)	
⑤	Diode		Cathode Anode (NC)	
⑥	Diode		Common Anode Cathode	
⑦	Diode		Common Anode Cathode	
⑧	Diode		Common Anode Anode	
⑨	Diode		Common Anode Anode	
⑩	Diode		Common Cathode Cathode	
⑪	Diode		Common Cathode Cathode	
⑫	Diode		Anode Cathode Anode Anode Cathode Anode	
⑬	Transistor (FET)		Drain Source Gate	
⑭	Transistor (FET)		Drain Source Gate	
⑮	Transistor (FET)		□ Source □ Drain □ Gate	
⑯	Transistor		□ Emitter □ Collector □ Base	
⑰	Transistor		C2 B1 E1 E2 B2 C1	
⑱	Transistor		C1 B2 E2 E1 B1 C2	
⑲	Transistor		C1 B2 E2 E1 B1 C2	
⑳	Transistor		C1 B2 E2 E1 B1 C2	
㉑	Transistor		E2 B1 E1 C2 C1(B2)	
㉒	Transistor		(B2) B1 E1 E2 C1 C2	
㉓	Transistor		(B2) E2 E1 B1 C2 C1	
—	Discrete semiconductot			

(Chip semiconductors that are not actually used are included.)

Ver.1.5

3-3. BLOCK DIAGRAMS

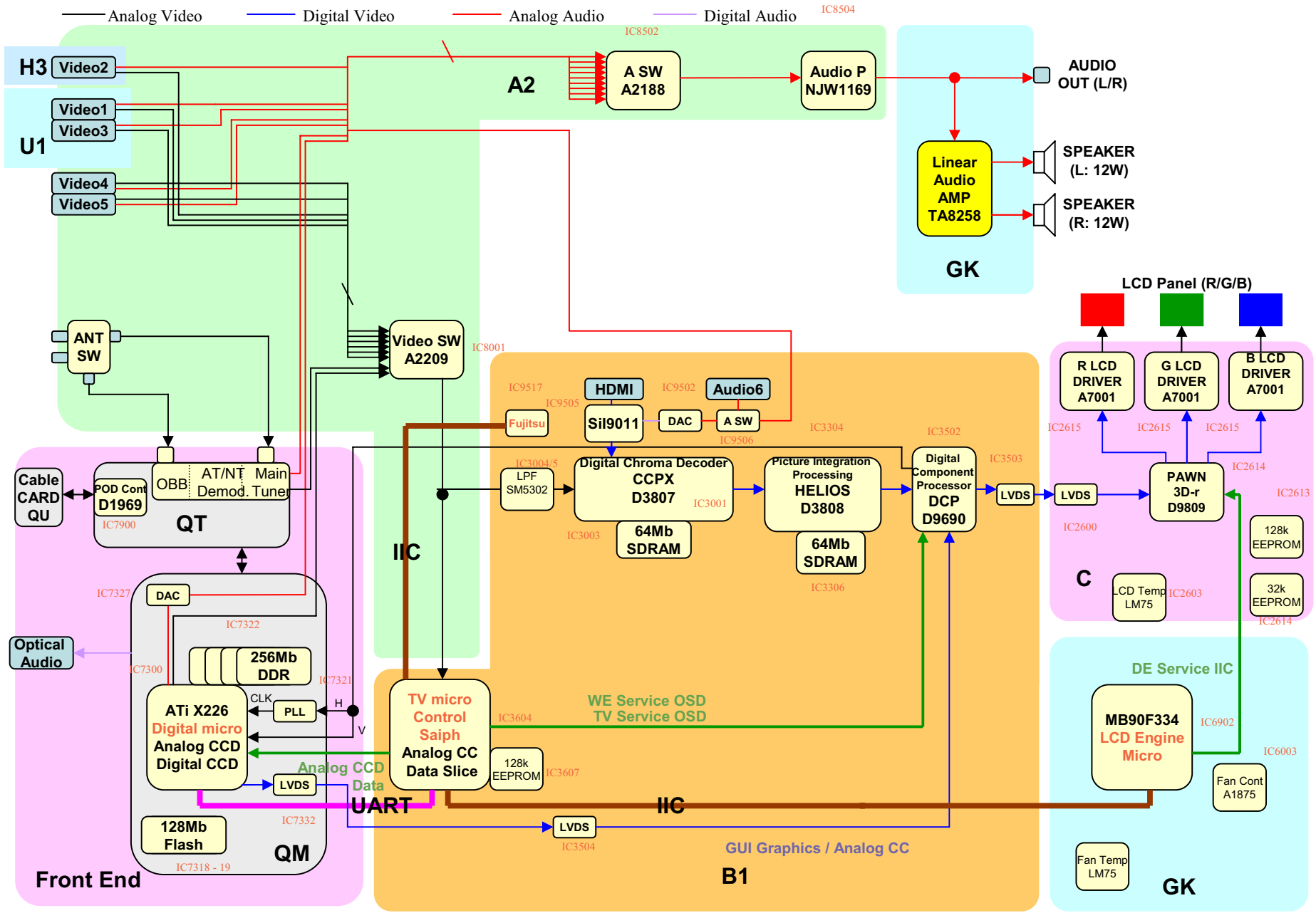
SIGNAL FLOW BLOCK DIAGRAM (SN 9,000,001 TO 9,099,999 AND 9,800,000 AND 9,899,999 ONLY)



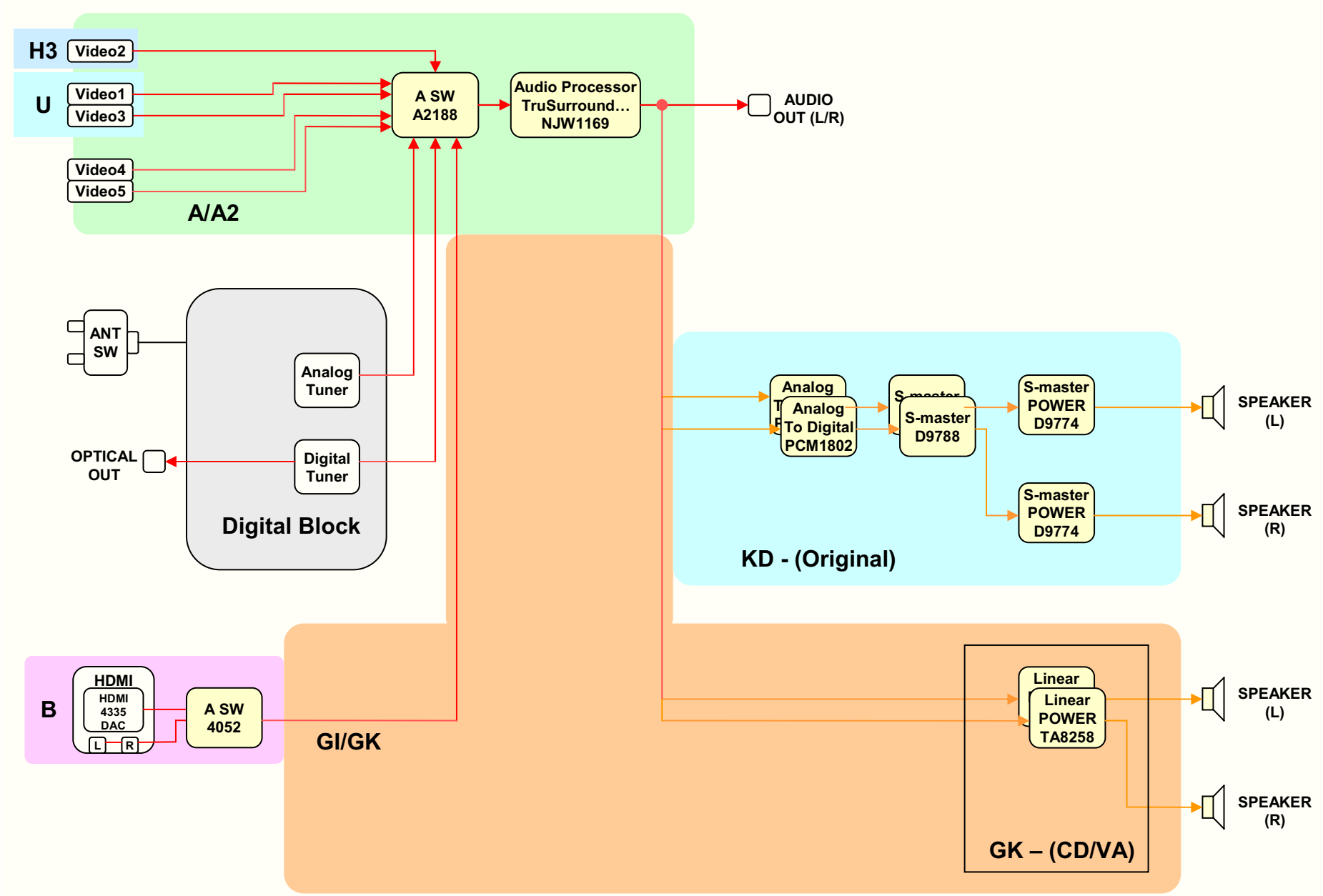
SIGNAL FLOW BLOCK DIAGRAM (SN 9,100,001 TO 9,799,999 AND 9,900,001 UP)

WF-MARK2.5 GW Signal Flow

Difference from MK2

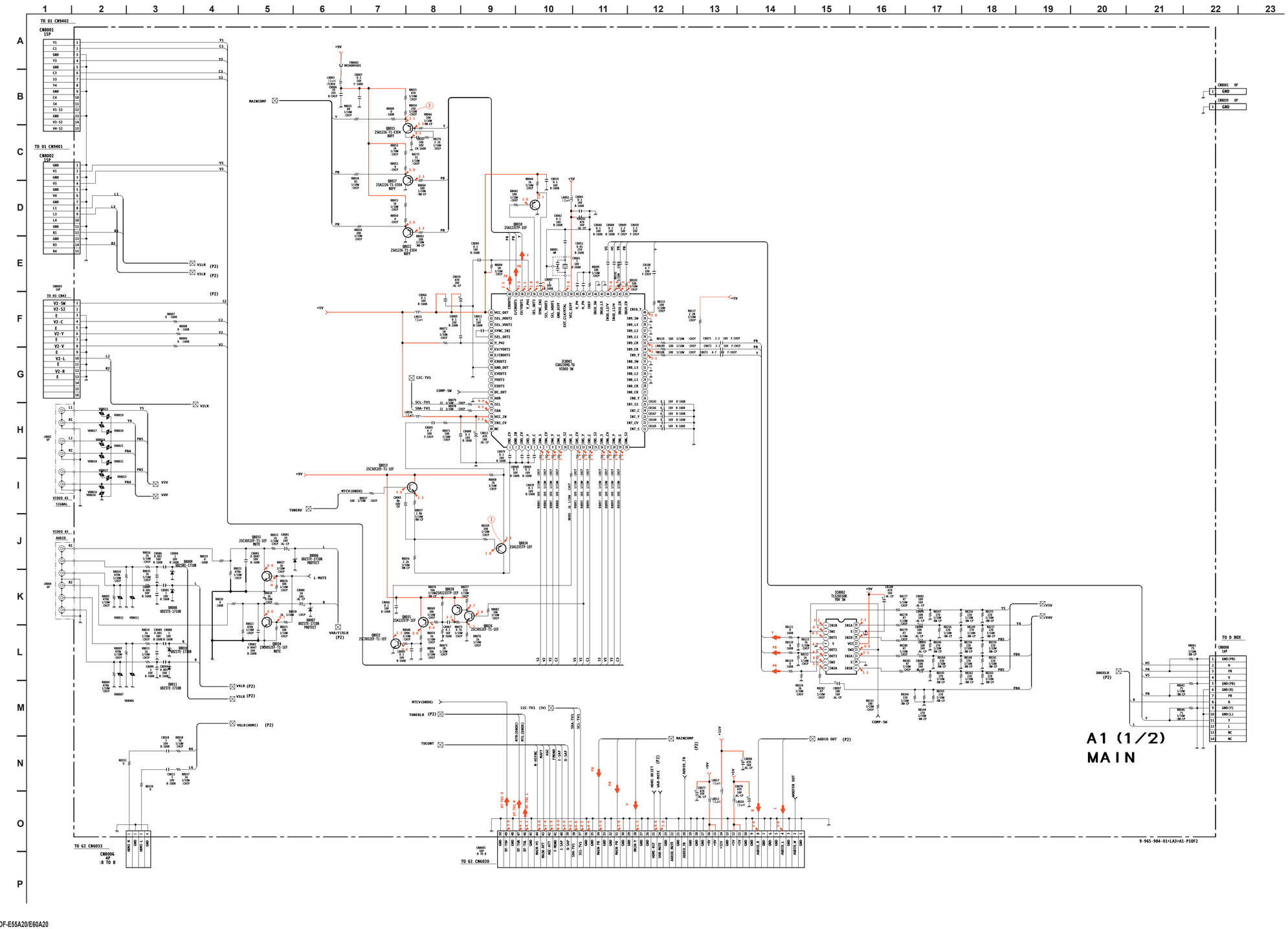


AUDIO BLOCK DIAGRAM

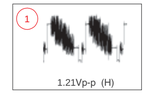


3-3. SCHEMATICS AND SUPPORTING INFORMATION

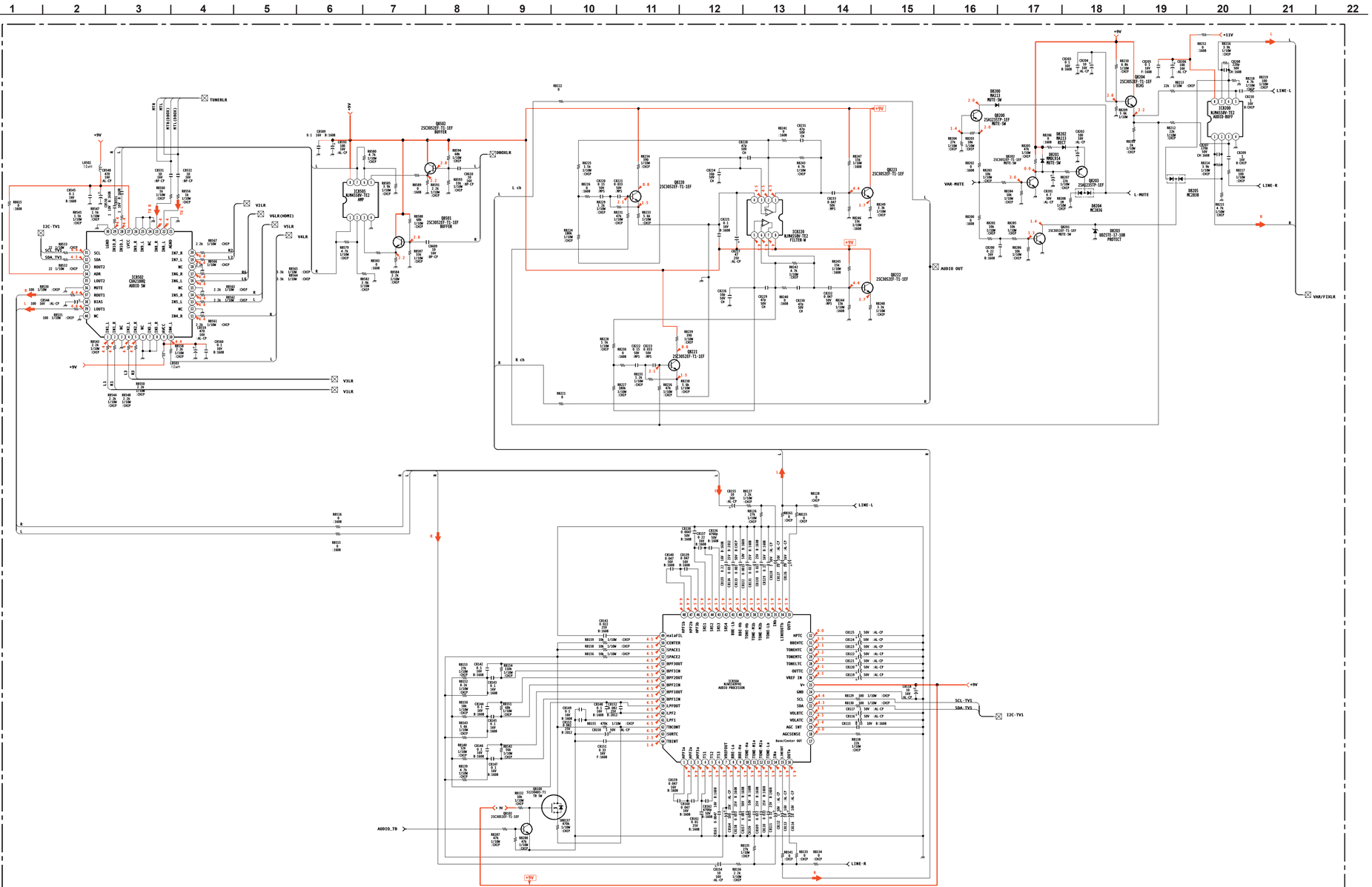
A1 BOARD SCHEMATIC DIAGRAM (1 OF 2) (SN 9,000,001 TO 9,099,999 AND 9,800,001 TO 9,899,999 ONLY)



A1 BOARD WAVEFORMS



A1 BOARD SCHEMATIC DIAGRAM (2 OF 2) (SN 9,000,001 TO 9,099,999 AND 9,800,001 TO 9,899,999 ONLY)

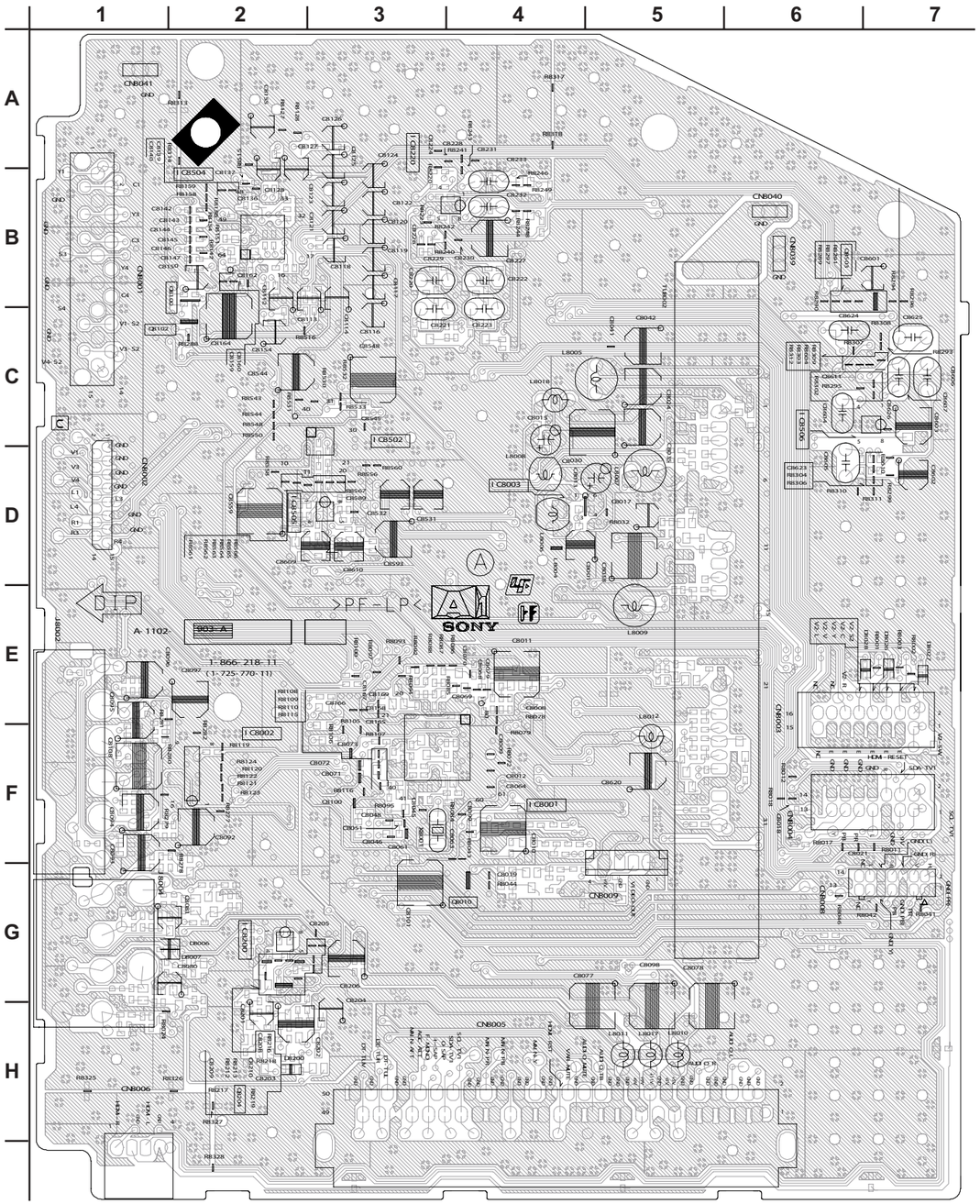


A1 (2/2)
AUDIO

9-965-984-01<LA3>A1-P2OF2

A1 [MAIN, AUDIO]

COMPONENT SIDE
(SN 9,000,001 TO 9,099,999 AND 9,800,001 TO 9,899,999 ONLY)



A1 LOCATOR LIST
COMPONENT SIDE

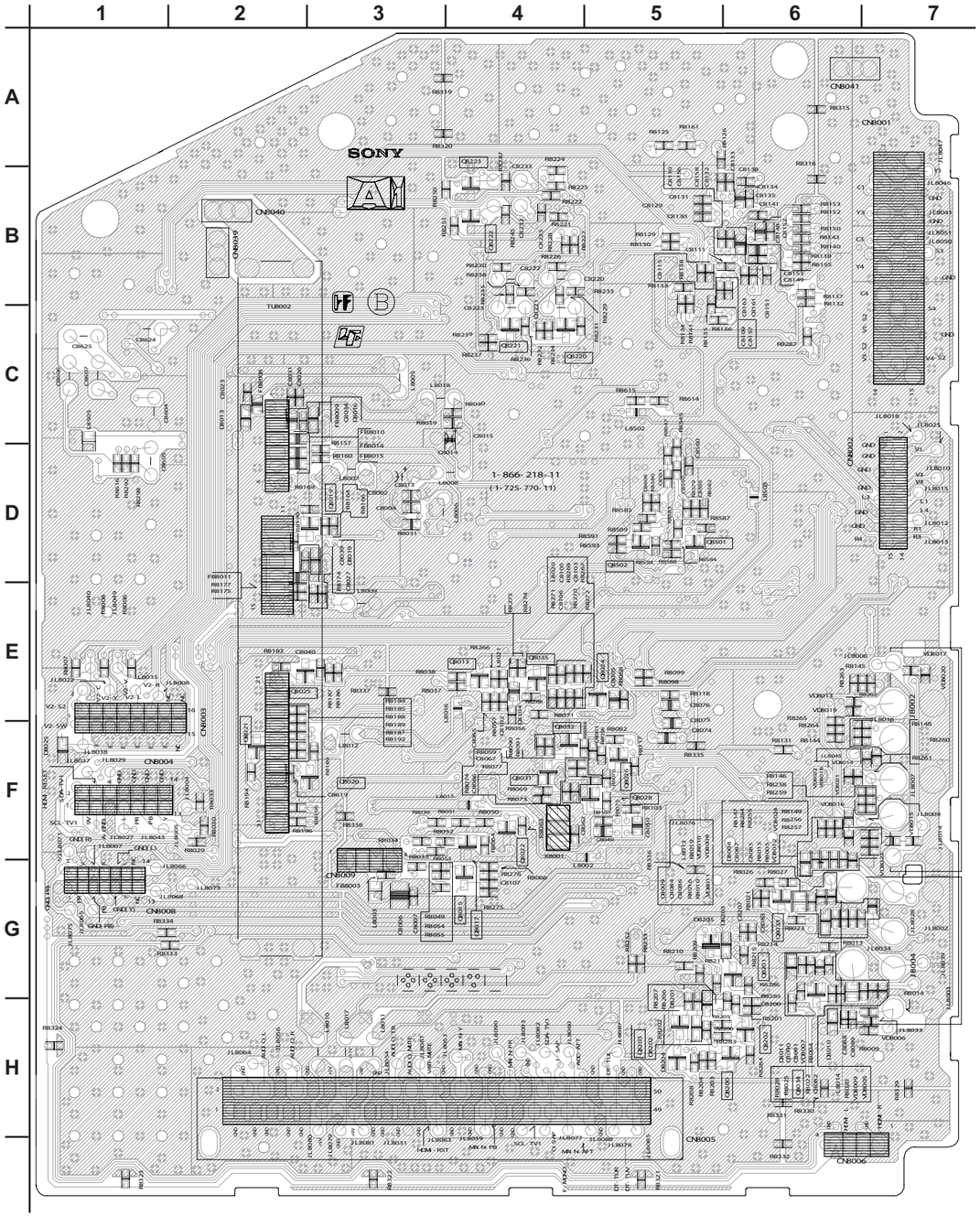
DIODE	
D8006	G-1
D8007	G-1
D8200	H-2
IC	
IC8001	F-4
IC8002	F-2
IC8200	G-2
IC8220	B-3
IC8502	C-3
IC8504	B-2
IC8505	D-2
TRANSISTOR	
Q8010	G-4
Q8100	H-2
Q8102	C-1
Q8204	D-1
Q8503	B-6

A1 LOCATOR LIST
CONDUCTOR SIDE

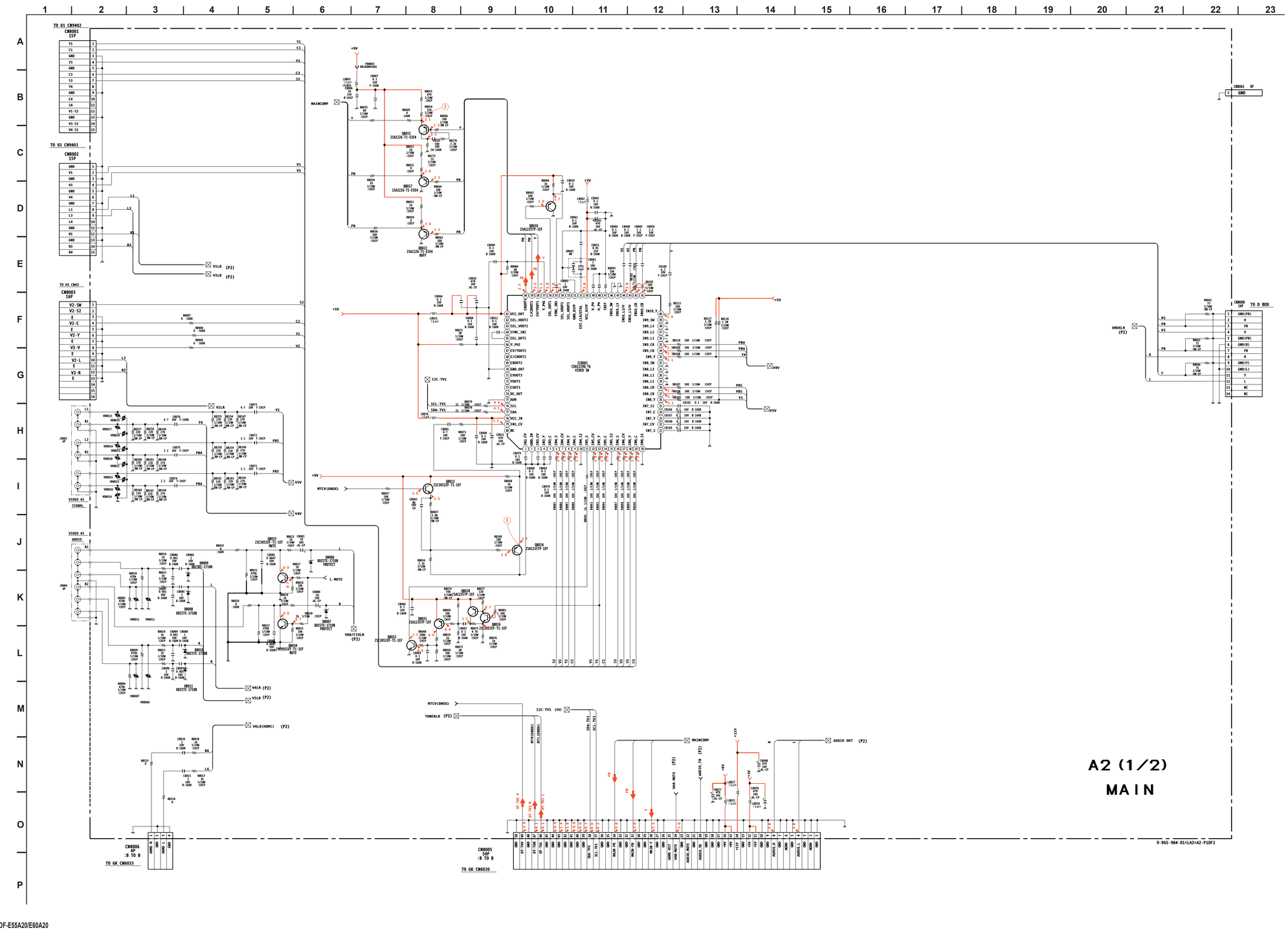
DIODE	
D8008	F-5
D8009	G-5
D8010	H-6
D8011	H-6
D8201	G-5
D8202	H-5
D8203	G-6
D8204	H-5
D8205	G-5
TRANSISTOR	
Q8013	E-4
Q8015	G-4
Q8017	G-4
Q8022	F-4
Q8024	E-5
Q8026	F-5
Q8028	F-5
Q8031	F-4
Q8032	F-4
Q8033	G-6
Q8034	H-6
Q8200	H-6
Q8201	G-6
Q8202	H-6
Q8203	H-5
Q8220	C-4
Q8221	C-4
Q8222	B-4
Q8223	B-4
Q8501	D-6
Q8502	D-5

A1 [MAIN, AUDIO]

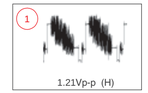
CONDUCTOR SIDE
(SN 9,000,001 TO 9,099,999 AND 9,800,001 TO 9,899,999 ONLY)

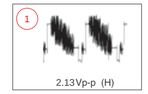


A2 BOARD SCHEMATIC DIAGRAM (1 OF 2) (SN 9,100,001 TO 9,799,999 AND 9,900,001 AND UP ONLY)

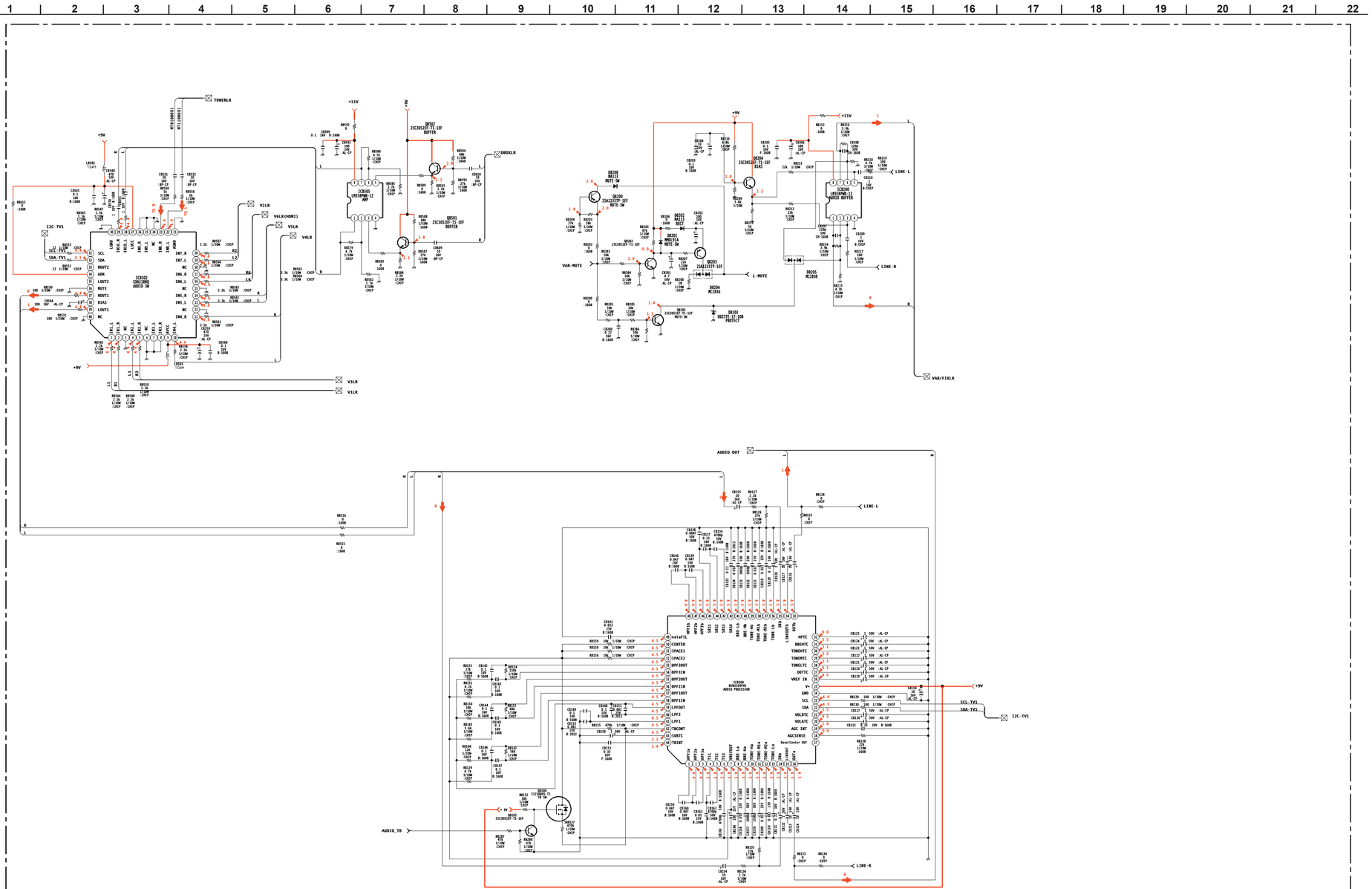


A2 BOARD WAVEFORMS





A2 BOARD SCHEMATIC DIAGRAM (2 OF 2) (SN 9,100,001 TO 9,799,999 AND 9,900,001 AND UP ONLY)

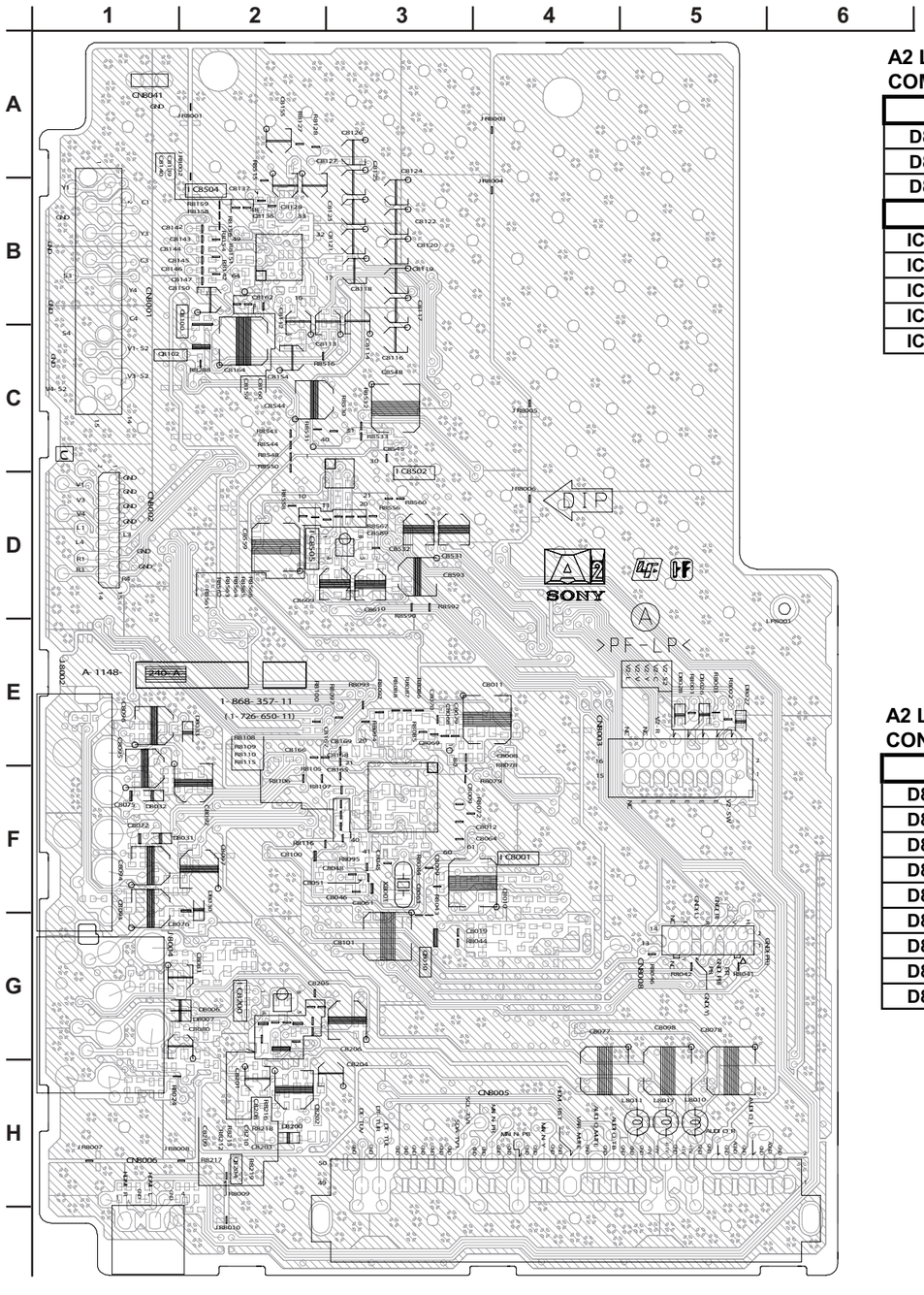


A2 (2/2)
AUDIO

9-965-984-01<LA3>A2-P2OF2

A2 [MAIN, AUDIO]

COMPONENT SIDE
(SN 9,100,001 TO 9,799,999 AND 9,900,001 AND UP ONLY)



A2 LOCATOR LIST
COMPONENT SIDE

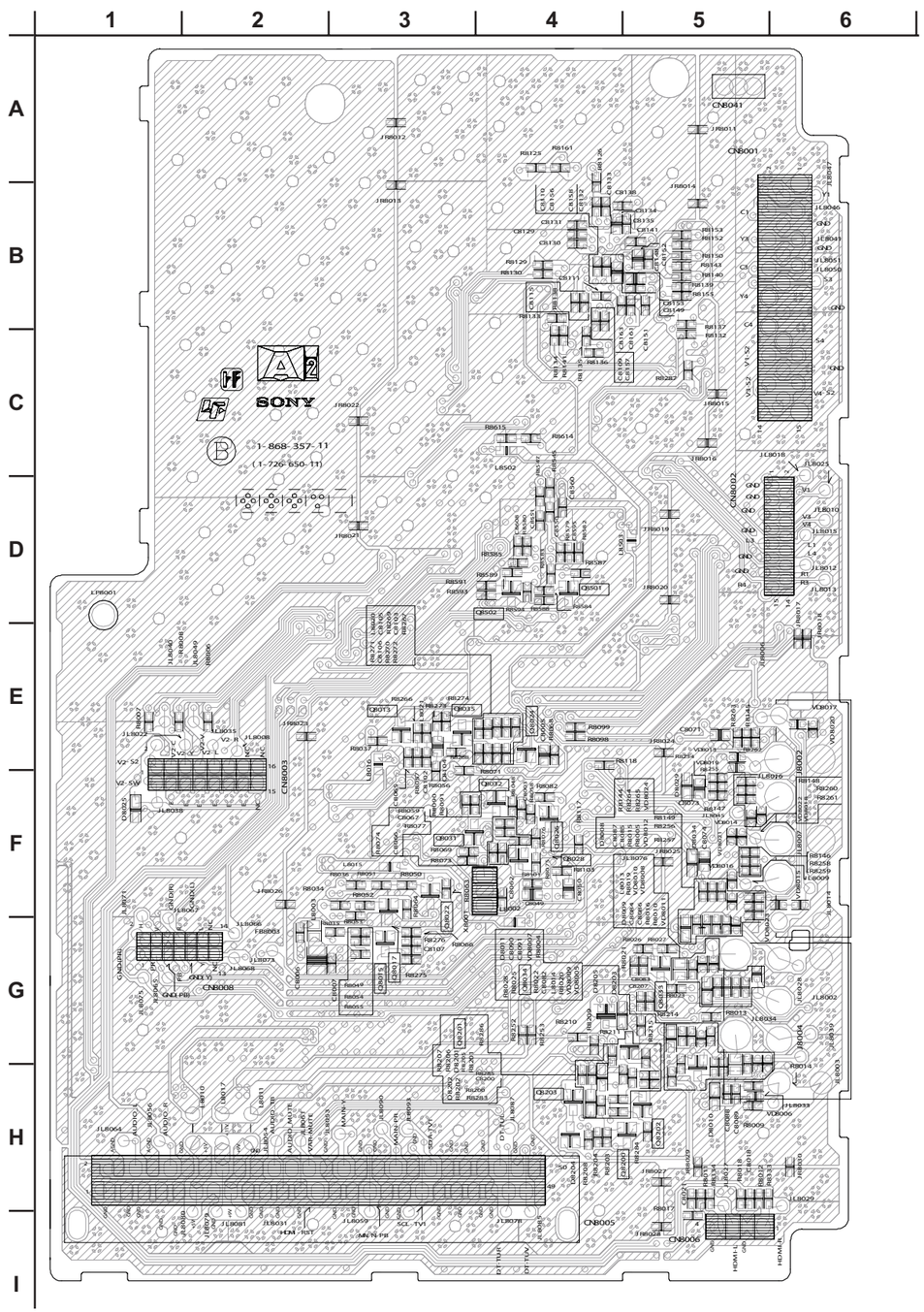
DIODE		TRANSISTOR	
D8006	G-1	Q8010	G-4
D8007	G-1	Q8100	H-2
D8200	H-2	Q8102	C-1
IC		Q8204	D-1
IC8001	F-4		
IC8200	G-2		
IC8502	C-3		
IC8504	B-2		
IC8505	D-2		

A2 LOCATOR LIST
CONDUCTOR SIDE

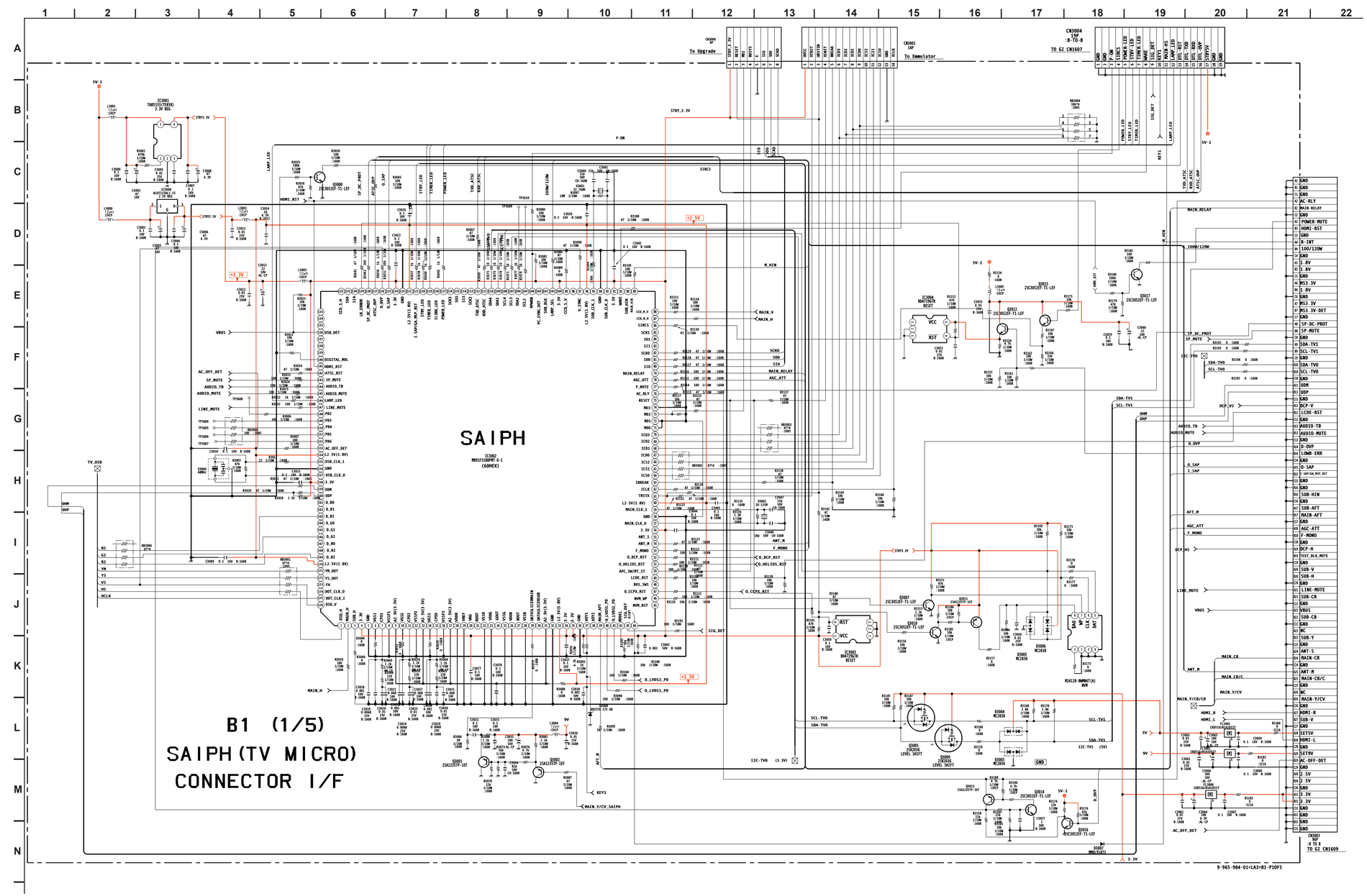
DIODE		TRANSISTOR	
D8008	F-4	Q8013	E-3
D8009	G-5	Q8015	G-3
D8010	H-5	Q8017	G-3
D8011	G-4	Q8022	F-3
D8201	G-3	Q8024	E-4
D8202	H-3	Q8026	F-4
D8203	G-4	Q8028	F-4
D8204	H-4	Q8031	F-4
D8205	G-4	Q8032	F-4
		Q8033	G-5
		Q8034	G-4
		Q8200	H-5
		Q8201	G-4
		Q8202	H-5
		Q8203	H-4
		Q8501	D-4
		Q8502	E-4

A2 [MAIN, AUDIO]

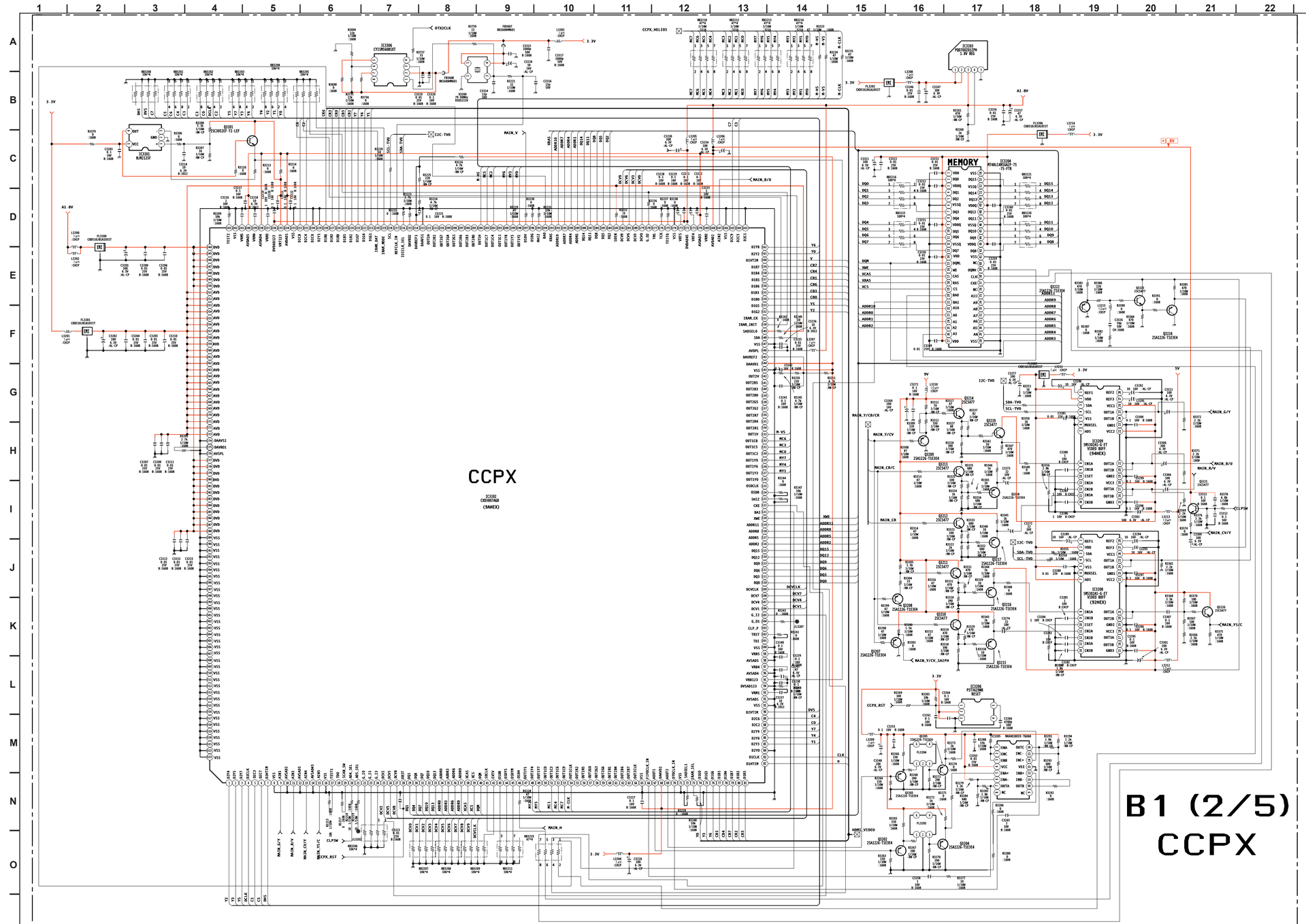
CONDUCTOR SIDE
(SN 9,100,001 TO 9,799,999 AND 9,900,001 AND UP ONLY)



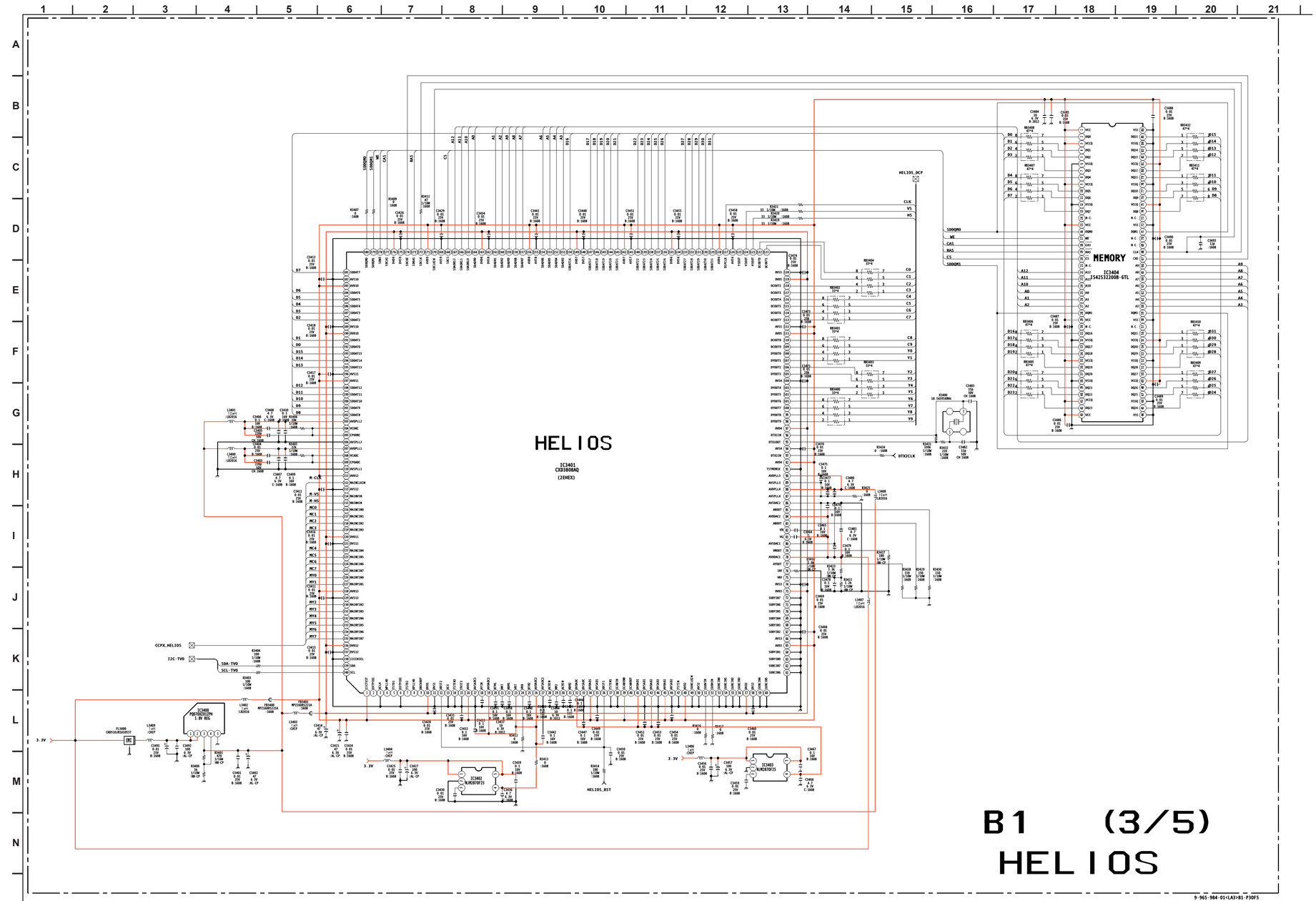
B1 BOARD SCHEMATIC DIAGRAM (1 OF 5)



B1 BOARD SCHEMATIC DIAGRAM (2 OF 5)



B1 BOARD SCHEMATIC DIAGRAM (3 OF 5)



B1 BOARD SCHEMATIC DIAGRAM (4 OF 5)

DCP

LVDS_RECEIVER

LVDS_TRANSMITTER

FROM_ATSC_MODULE

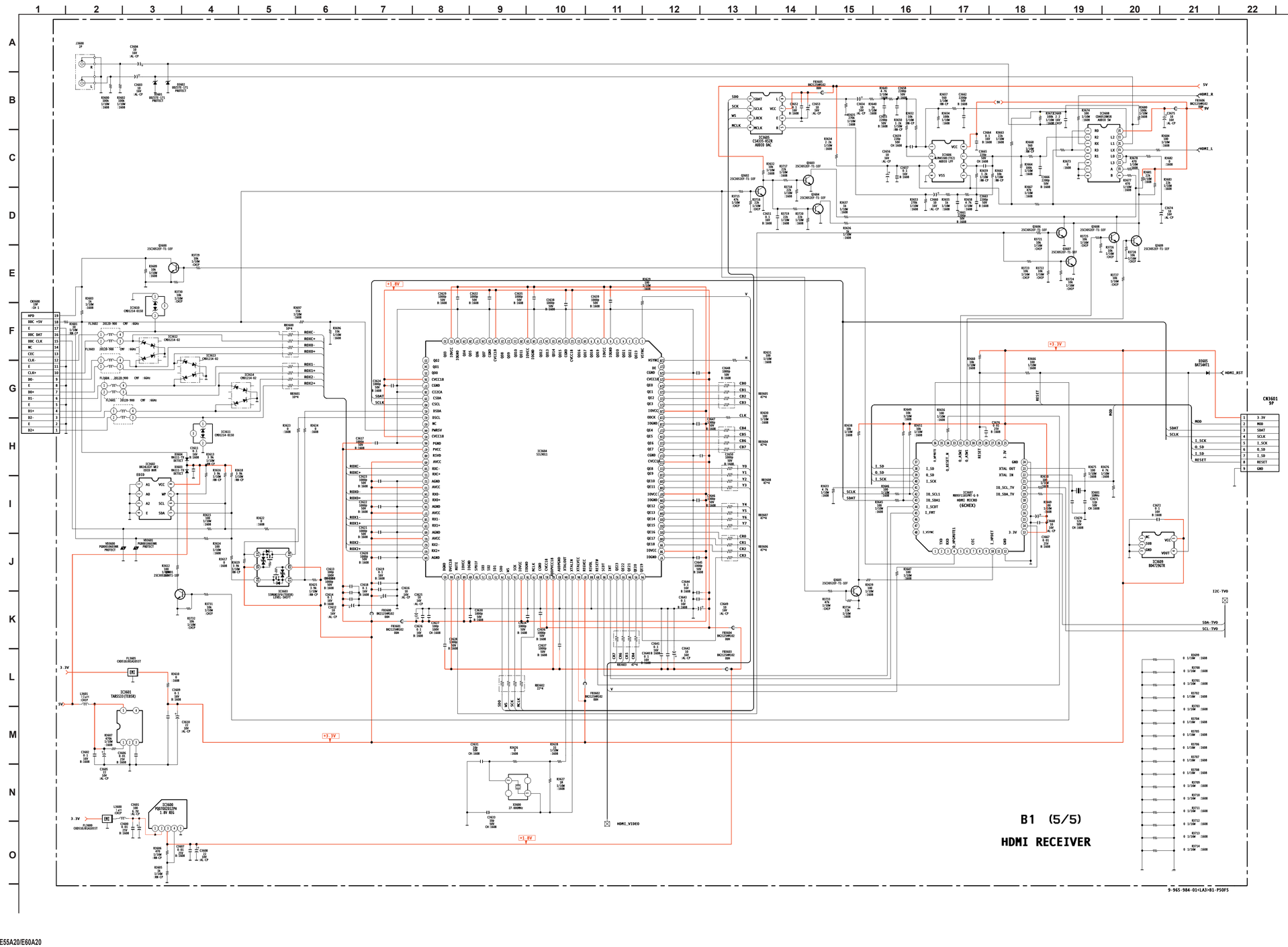
TO_C_BOARD

B1 (4/5)

DCP/LVDS

9-965-984-01<LA3>B1-P4OF5

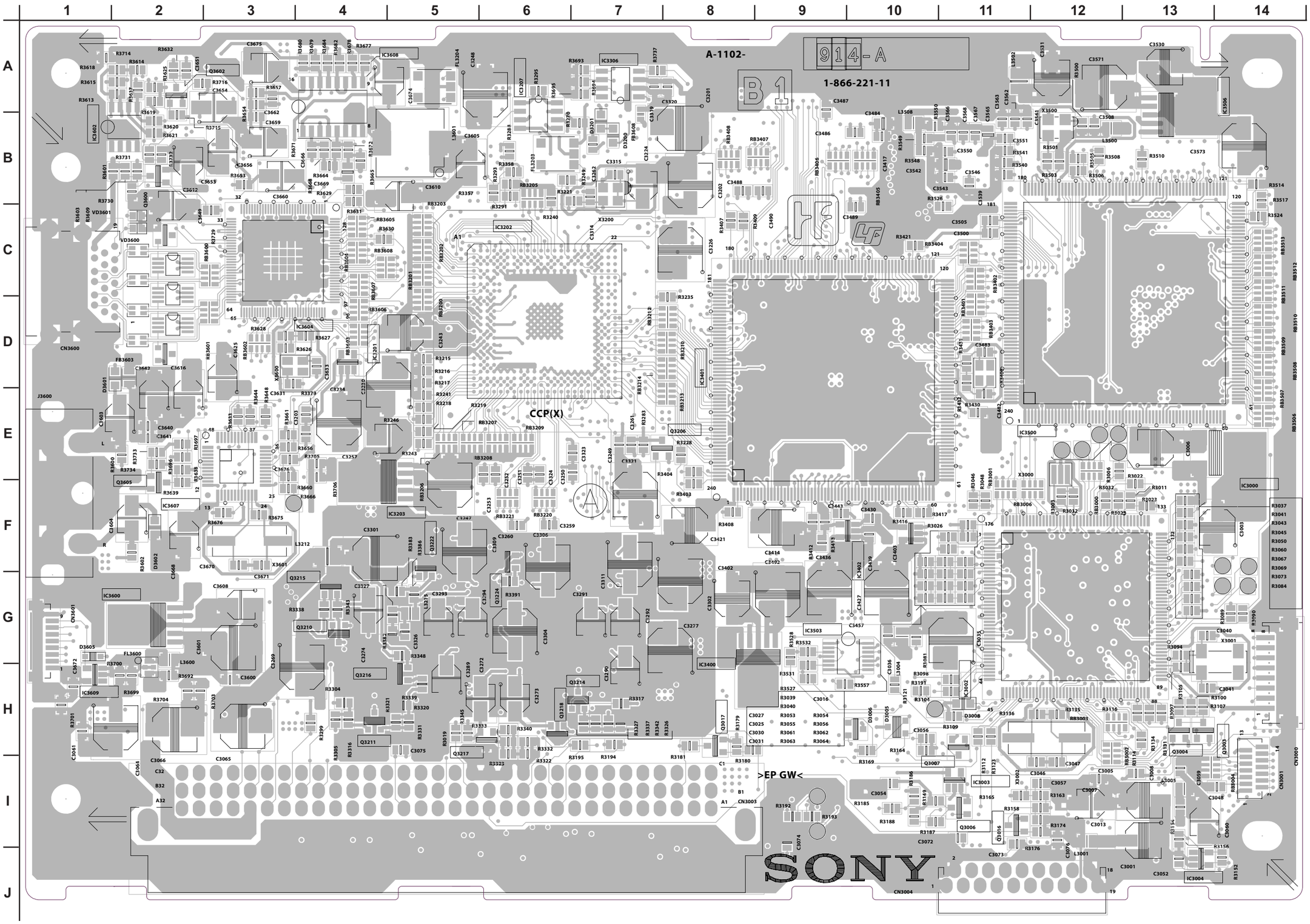
B1 BOARD SCHEMATIC DIAGRAM (5 OF 5)



B1

[SAIPH (TV MICRO) CONNECTOR I/F, CCPX, HELIOS, DCP/LVDS, HDMI RECEIVER]

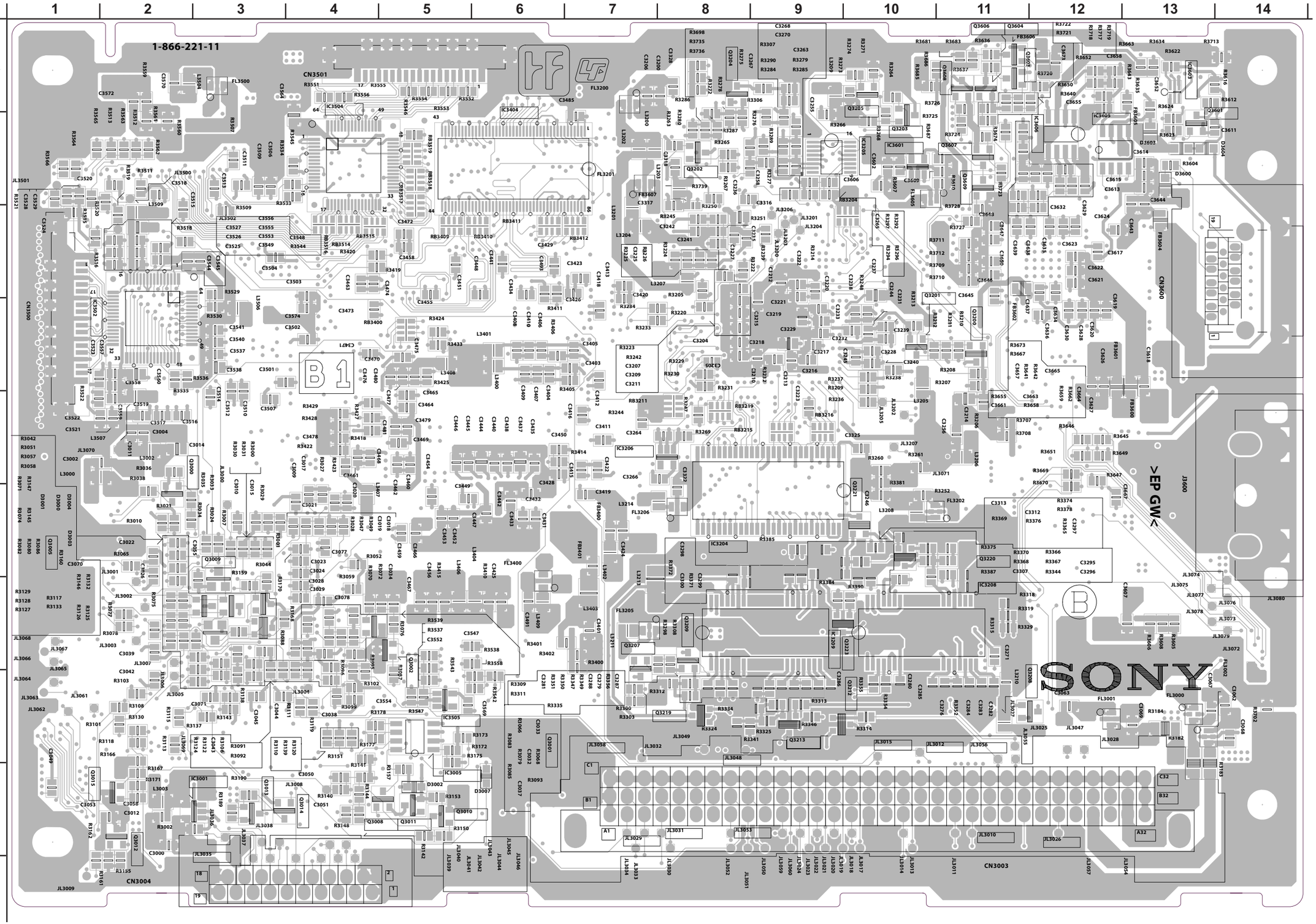
COMPONENT SIDE



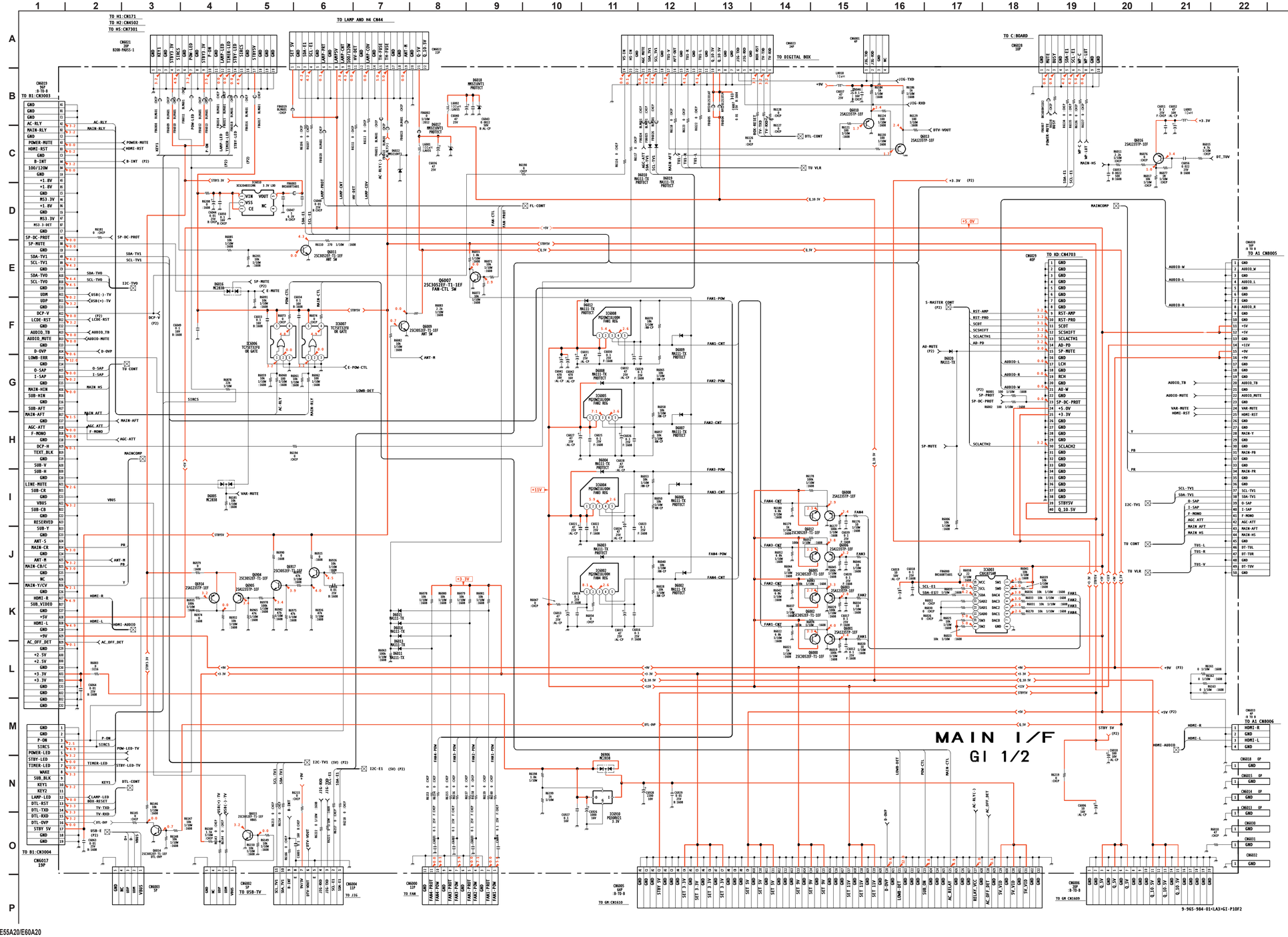
B1

[SAIPH (TV MICRO) CONNECTOR I/F, CCPX, HELIOS, DCP/LVDS, HDMI RECEIVER]

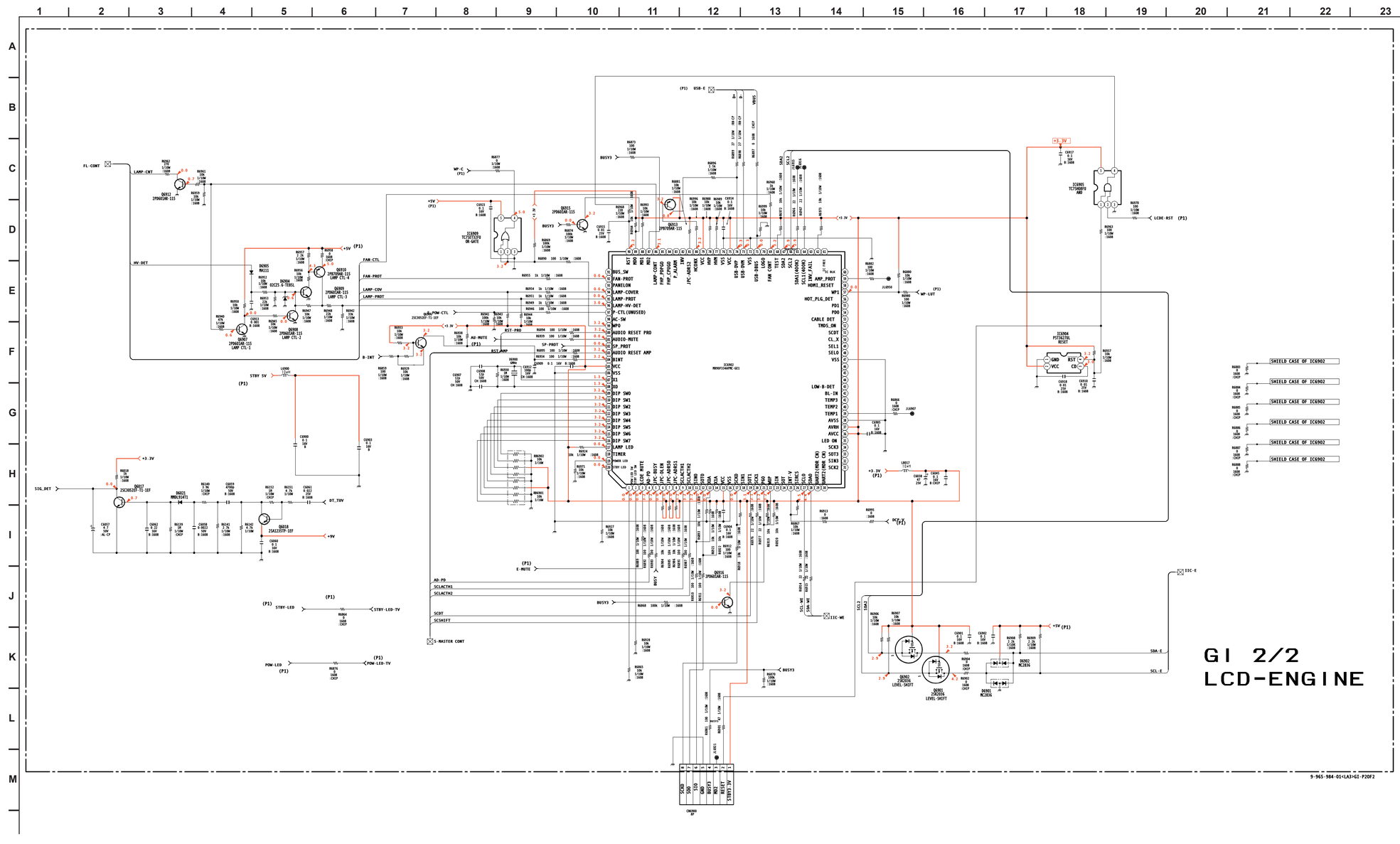
CONDUCTOR SIDE



GI BOARD SCHEMATIC DIAGRAM (1 OF 2) (SN 9,000,001 TO 9,099,999 AND 9,800,001 TO 9,899,999 ONLY)



GI BOARD SCHEMATIC DIAGRAM (2 OF 2) (SN 9,000,001 TO 9,099,999 AND 9,800,001 TO 9,899,999 ONLY)

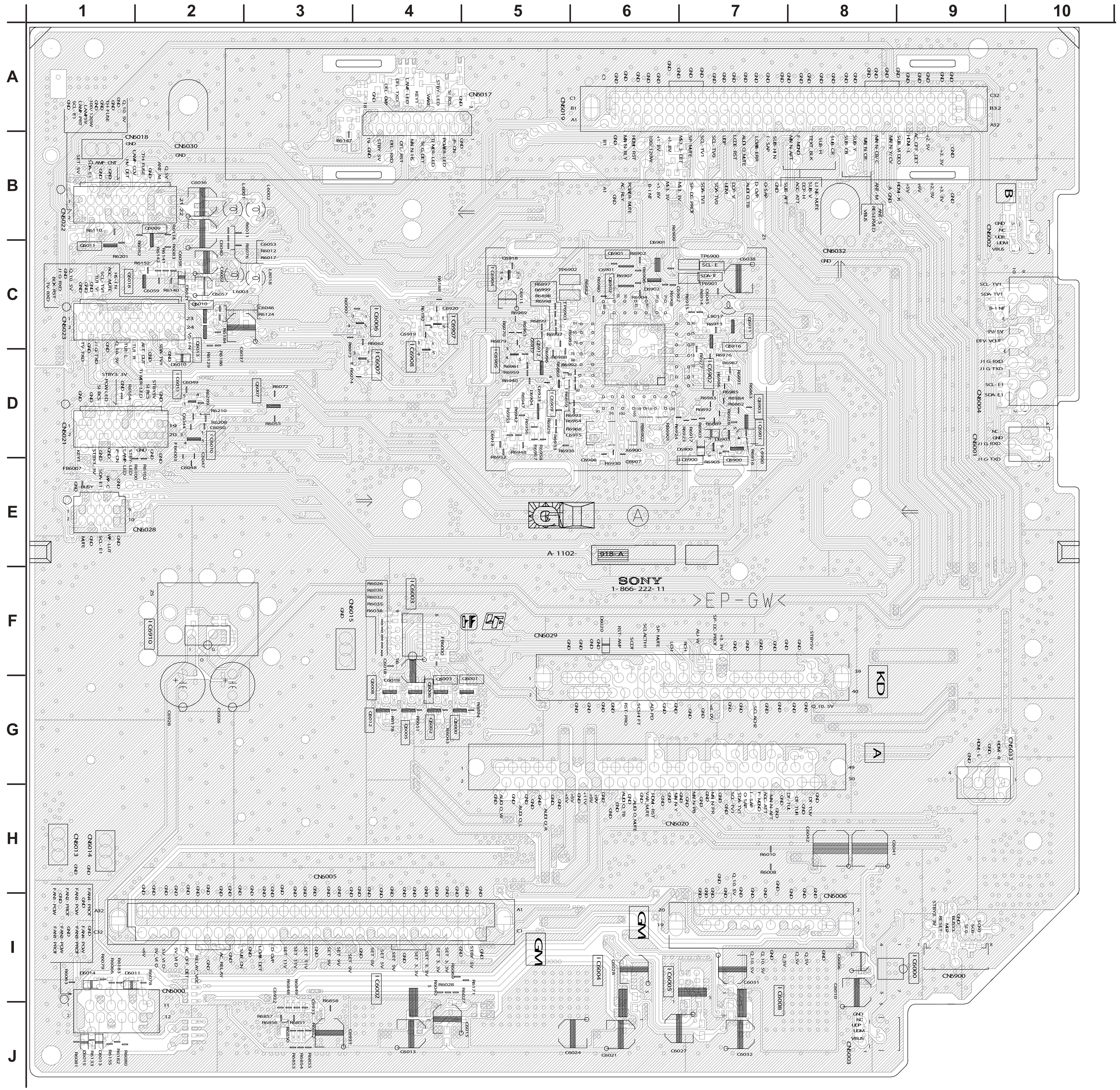


GI [MAIN IF, LCD-ENGINE]

COMPONENT SIDE
(SN 9,000,001 TO 9,799,999 AND 9,800,000 TO 9,899,999 ONLY)

GI LOCATOR LIST COMPONENT SIDE

DIODE		TRANSISTOR	
D6010	D-2	Q6000	G-4
D6011	I-2	Q6001	F-4
D6013	J-1	Q6002	G-4
D6014	I-1	Q6003	F-4
D6015	J-1	Q6005	G-4
D6020	F-6	Q6006	G-4
D6021	C-2	Q6007	D-3
D6901	C-6	Q6008	G-4
D6902	C-6	Q6009	B-2
D6904	D-5	Q6010	C-2
IC		Q6011	C-1
IC6002	I-4	Q6012	G-4
IC6003	F-4	Q6013	D-2
IC6004	I-6	Q6018	C-1
IC6005	I-6	Q6901	C-6
IC6006	C-4	Q6902	C-6
IC6007	D-4	Q6912	C-5
IC6008	J-7	Q6916	C-7
IC6010	E-2		
IC6902	D-7		
IC6904	C-5		
IC6905	D-5		
IC6909	D-5		
IC6910	F-2		

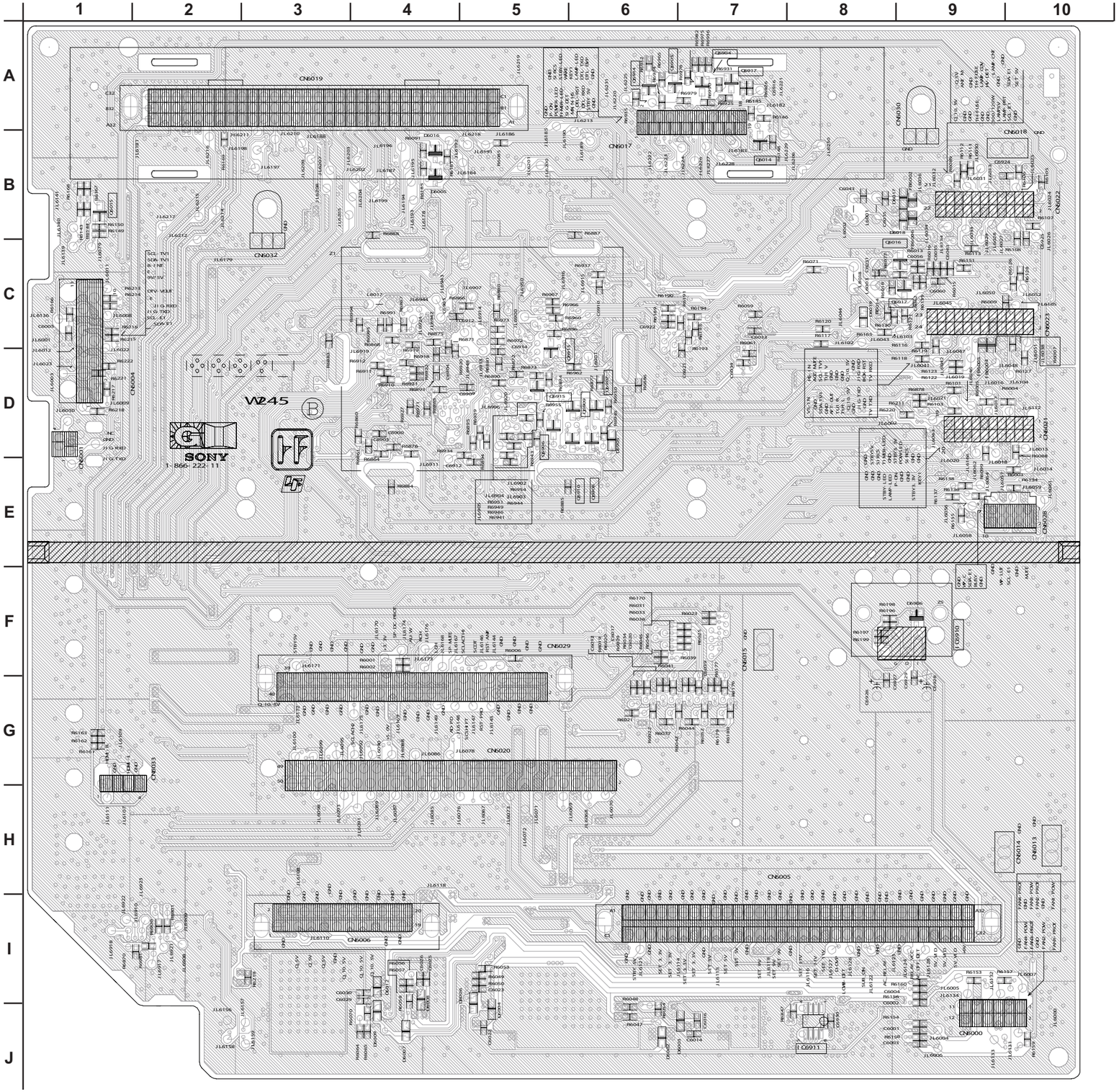


GI [MAIN IF, LCD-ENGINE]

CONDUCTOR SIDE
(SN 9,000,001 TO 9,799,999 AND 9,800,000 TO 9,899,999 ONLY)

GI LOCATOR LIST
CONDUCTOR SIDE

DIODE		TRANSISTOR	
D6002	J-6	Q6014	B-7
D6003	J-7	Q6015	B-1
D6004	J-5	Q6016	C-8
D6005	B-4	Q6017	C-8
D6006	I-5	Q6904	A-7
D6007	J-4	Q6905	A-6
D6008	I-4	Q6906	E-5
D6009	J-4	Q6907	D-6
D6012	I-4	Q6908	E-6
D6016	B-4	Q6909	D-6
D6017	B-8	Q6910	E-6
D6018	B-9	Q6913	D-6
D6019	G-8	Q6914	A-6
D6905	D-6	Q6915	D-5
D6906	F-9	Q6917	A-7

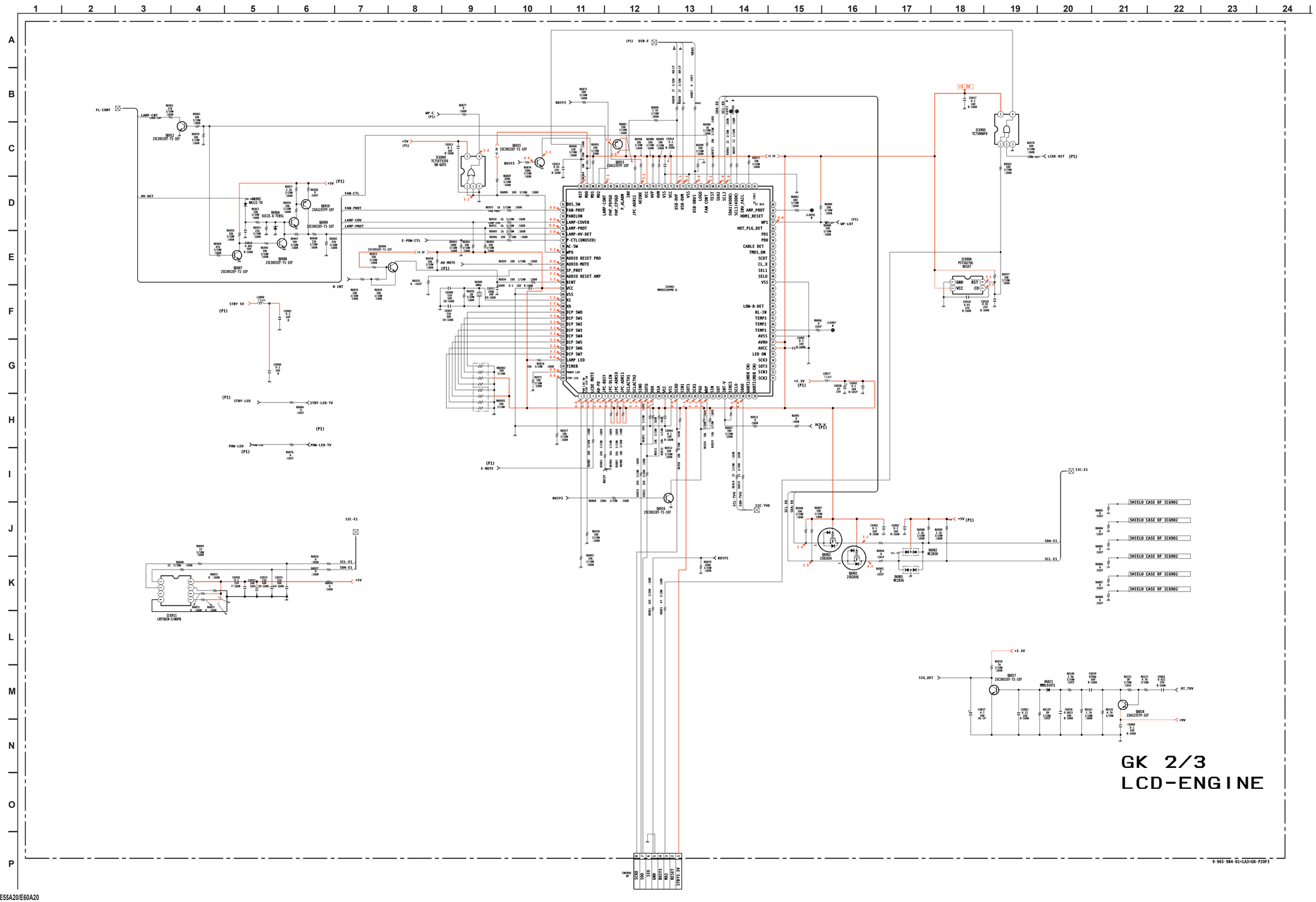


GK BOARD SCHEMATIC DIAGRAM (1 OF 3) (SN 9,100,001 TO 9,799,999 AND 9,900,001 AND UP ONLY)

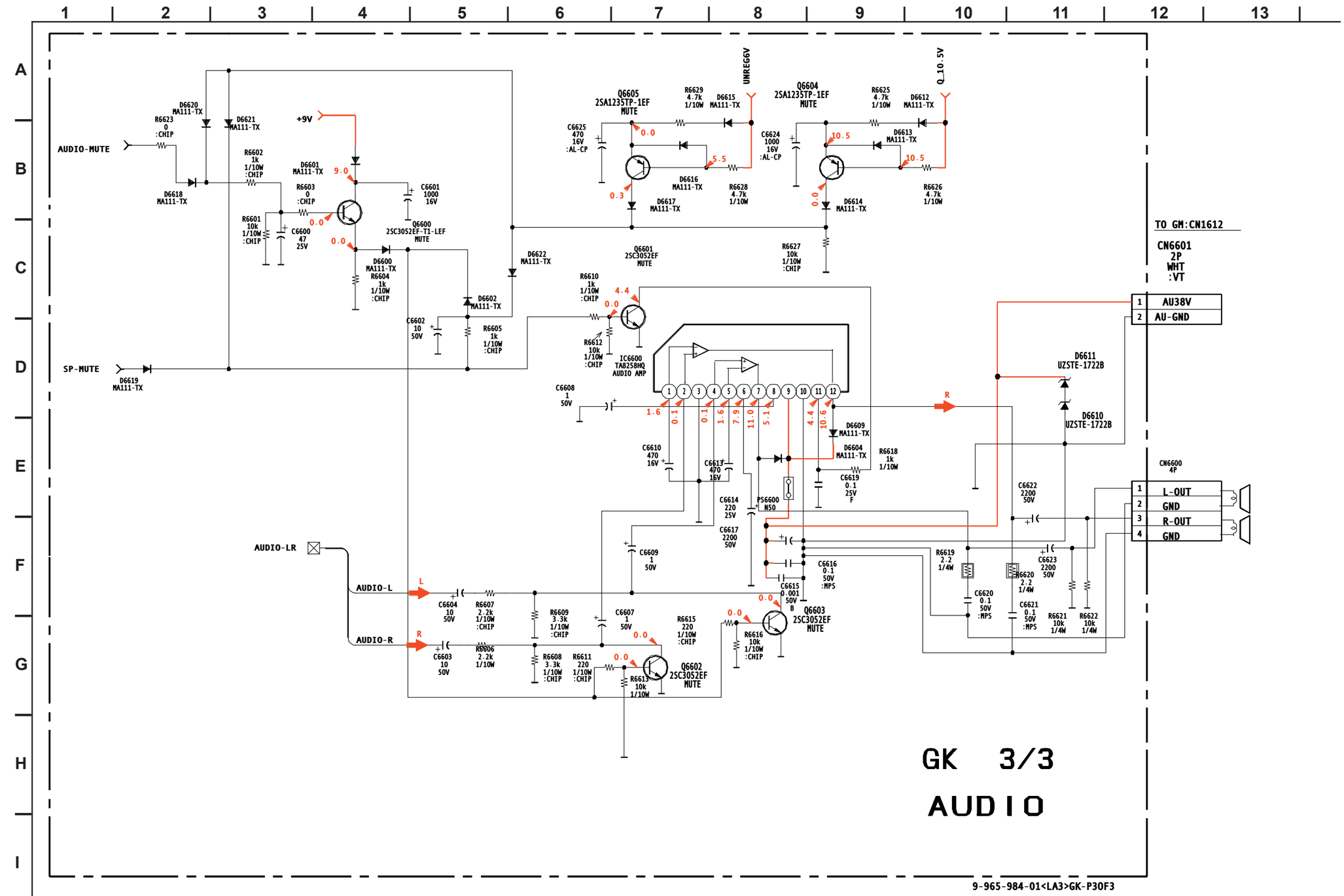
MAIN I/F
GK 1/3

9-965-984-01<LA3>GK-P1OF3

GK BOARD SCHEMATIC DIAGRAM (2 OF 3) (SN 9,100,001 TO 9,799,999 AND 9,900,001 AND UP ONLY)



GK BOARD SCHEMATIC DIAGRAM (3 OF 3) (SN 9,100,001 TO 9,799,999 AND 9,900,001 AND UP ONLY)

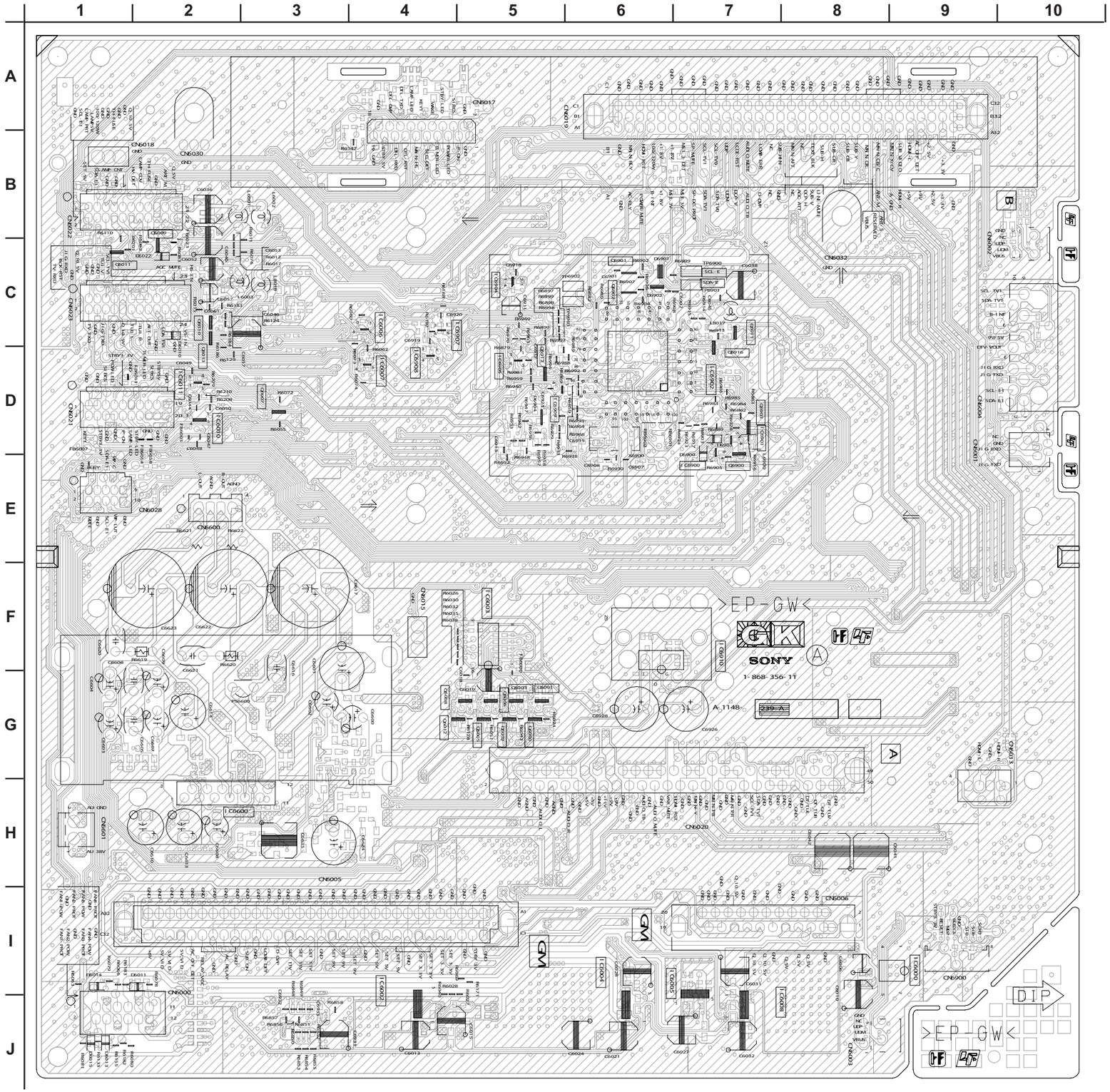


GK [MAIN IF, LCD ENGINE, AUDIO]

COMPONENT SIDE (SN 9,100,001 TO 9,799,999 AND 9,900,001 AND UP ONLY)

GK LOCATOR LIST
COMPONENT SIDE

DIODE		TRANSISTOR	
D6010	D-2	Q6000	G-5
D6011	I-2	Q6001	G-5
D6013	J-1	Q6002	G-5
D6014	I-1	Q6003	G-5
D6015	J-1	Q6005	G-5
D6022	C-2	Q6006	G-5
D6901	C-6	Q6007	D-3
D6902	C-6	Q6008	G-4
D6904	D-5	Q6009	B-2
IC		Q6010	C-2
IC6002	I-4	Q6011	C-1
IC6003	F-5	Q6012	G-4
IC6004	I-6	Q6013	D-2
IC6005	I-6	Q6901	C-6
IC6006	C-4	Q6902	C-6
IC6007	D-4	Q6912	D-5
IC6008	J-7	Q6916	C-7
IC6010	D-2		
IC6902	D-7		
IC6904	C-5		
IC6905	D-5		
IC6909	D-5		
IC6910	F-7		

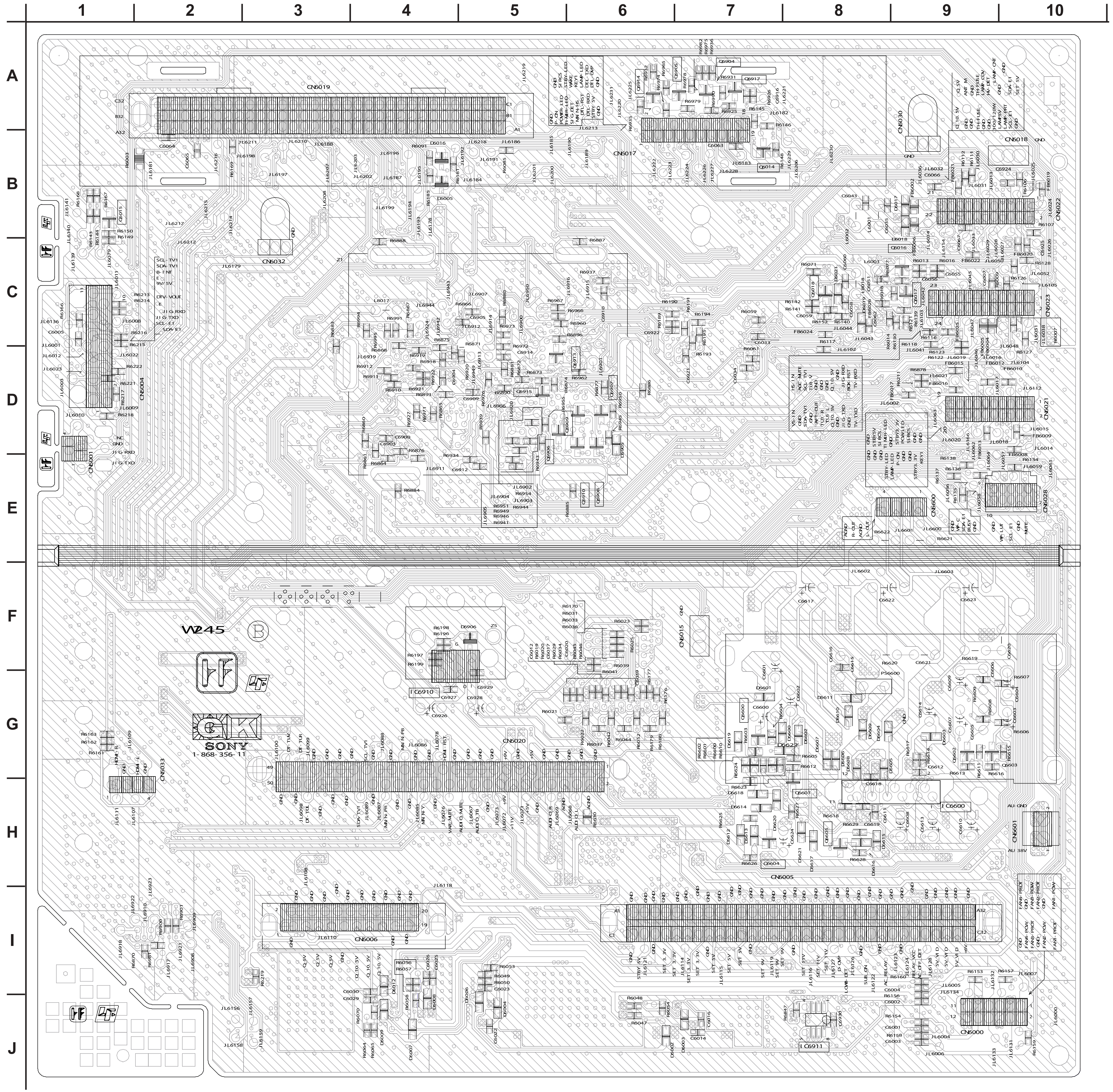


GK [MAIN IF, LCD ENGINE, AUDIO]

CONDUCTOR SIDE
(SN 9,100,001 TO 9,799,999 AND 9,900,001 AND UP ONLY)

GK LOCATOR LIST
CONDUCTOR SIDE

DIODE		TRANSISTOR	
D6002	J-6	Q6014	B-7
D6003	J-7	Q6015	B-1
D6004	J-5	Q6016	C-8
D6005	B-4	Q6017	C-8
D6006	I-5	Q6018	C-8
D6007	J-4	Q6600	G-7
D6008	I-4	Q6601	H-8
D6009	J-4	Q6602	G-9
D6012	I-4	Q6603	G-10
D6016	B-4	Q6604	H-7
D6017	B-8	Q6605	H-8
D6018	B-9	Q6904	A-7
D6019	G-8	Q6905	A-6
D6021	C-8	Q6906	E-5
D6600	G-7	Q6907	D-6
D6601	G-7	Q6908	E-6
D6602	G-7	Q6909	D-6
D6603	G-9	Q6910	E-6
D6604	G-8	Q6913	D-6
D6609	G-7	Q6914	A-6
D6610	G-8	Q6915	D-5
D6611	G-8	Q6917	A-7
D6612	H-7		
D6613	H-7		
D6614	H-7		
D6615	H-8		
D6616	H-8		
D6617	H-8		
D6618	H-7		
D6619	G-7		
D6620	H-7		
D6621	H-8		
D6905	D-6		
D6906	F-5		



GM BOARD SCHEMATIC DIAGRAM

CAUTION

THE MAIN CONVERTER, SUB CONVERTER, LAMP AND SECONDARY

ALL HAVE DIFFERENT GROUNDS.

GM 1/1

(MAIN POWER SUPPLY)

CAUTION!

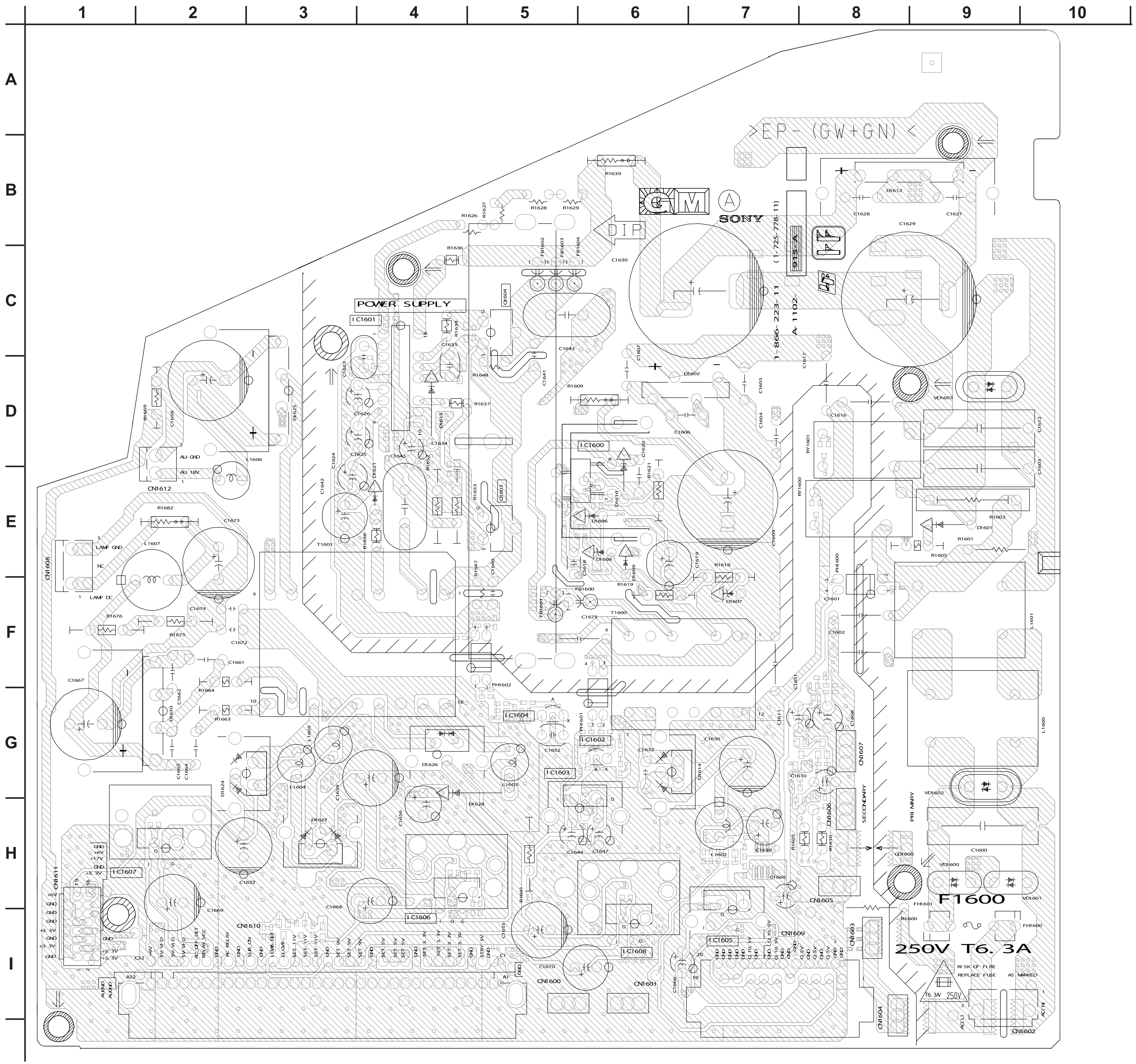
TO XD BOARD CN4705 ~AU18V_
OR
TO GK BOARD CN6401 ~AU38V_

9-965-984-01<LA3>GM

GM [MAIN POWER SUPPLY]
COMPONENT SIDE

GM LOCATOR LIST
COMPONENT SIDE

DIODE		IC	
D1601	E-9	**IC1600**	D-6
D1607	F-7	**IC1601**	C-3
D1608	E-6	**IC1602**	C-6
D1609	G-6	**IC1605**	I-7
D1610	E-6	**IC1606**	I-4
D1612	B-8	**IC1607**	D-6
D1614	G-7	**IC1608**	I-6
D1615	D-4	**TRANSISTOR**	
D1627	H-3	**Q1603**	E-5
D1628	H-5	**Q1604**	C-5
D1630	G-2		
D1625	D-3		
D1626	G-4		
D1630	G-2		

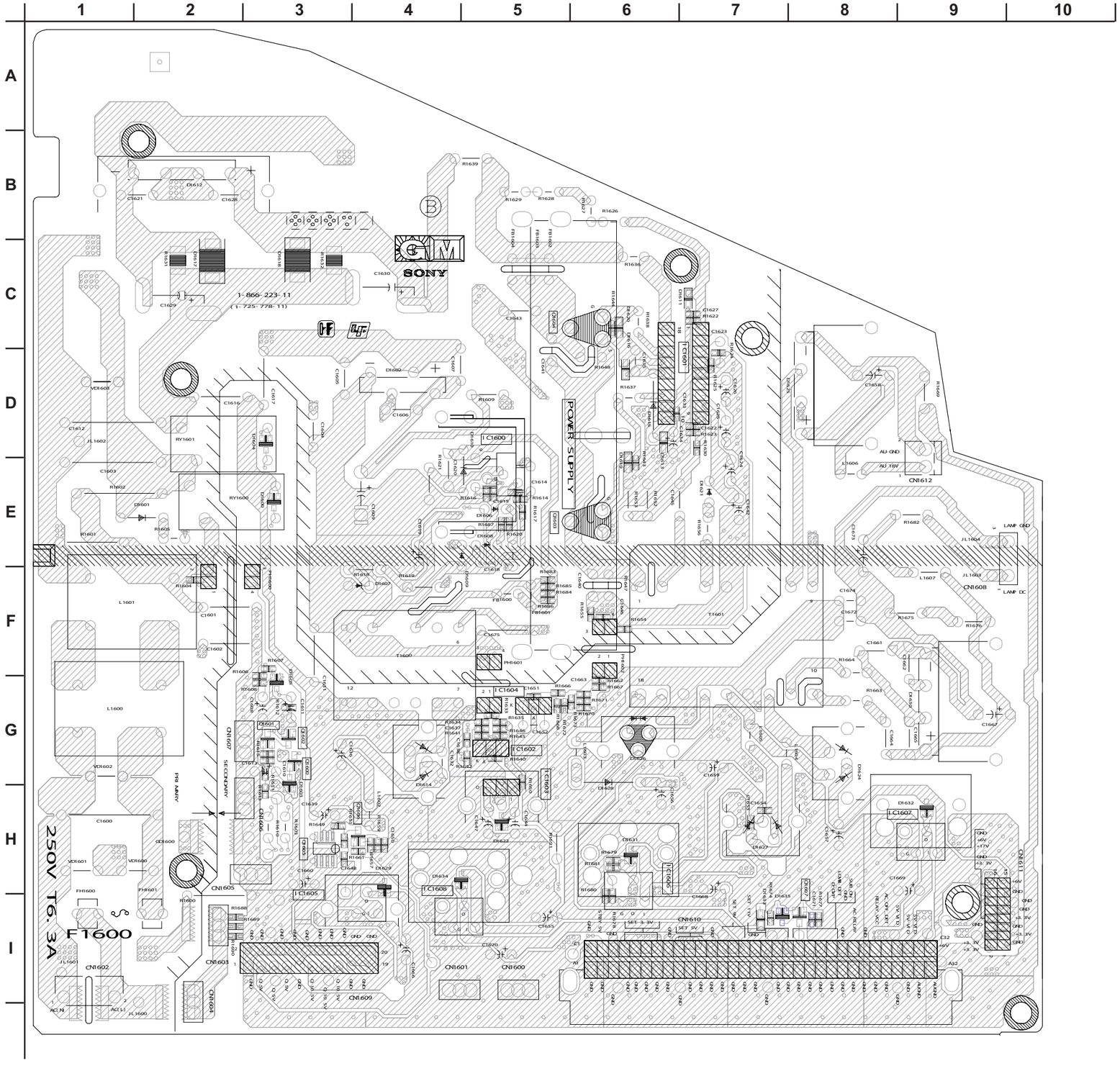


GM [MAIN POWER SUPPLY]

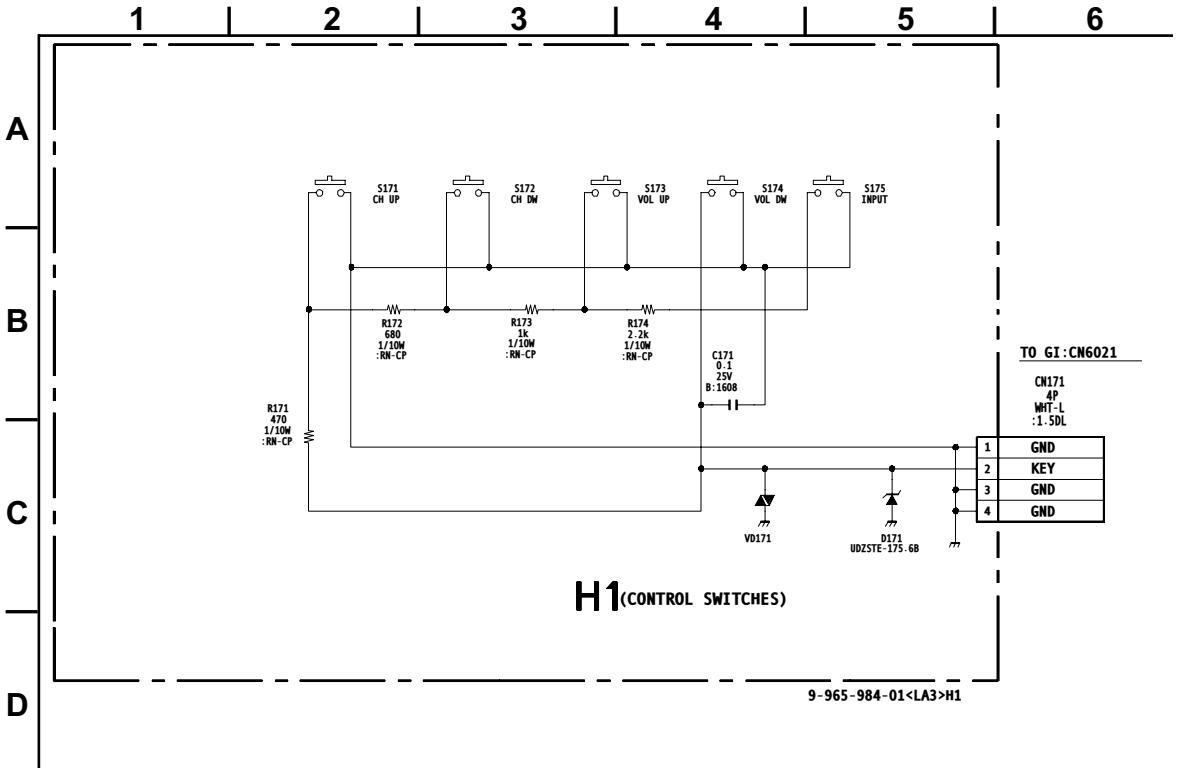
CONDUCTOR SIDE

GM LOCATOR LIST
CONDUCTOR SIDE

DIODE		IC	
D1600	E-3	IC1600	D-5
D1601	E-2	IC1601	D-6
D1602	D-4	IC1602	G-5
D1603	H-3	IC1605	I-3
D1604	D-3	IC1606	H-6
D1605	G-4	IC1607	H-8
D1606	E-5	IC1608	I-4
D1607	F-4	TRANSISTOR	
D1608	E-5	Q1600	G-3
D1609	F-5	Q1601	G-3
D1611	C-7	Q1602	C-3
D1617	C-2	Q1606	H-4
D1618	C-3	Q1605	H-3
D1621	E-7	Q1607	I-8
D1622	H-5		
D1624	G-8		
D1626	G-6		
D1627	H-7		
D1629	H-4		
D1630	G-9		
D1631	H-6		
D1632	H-8		
D1633	H-7		
D1634	H-4		
D1635	H-7		

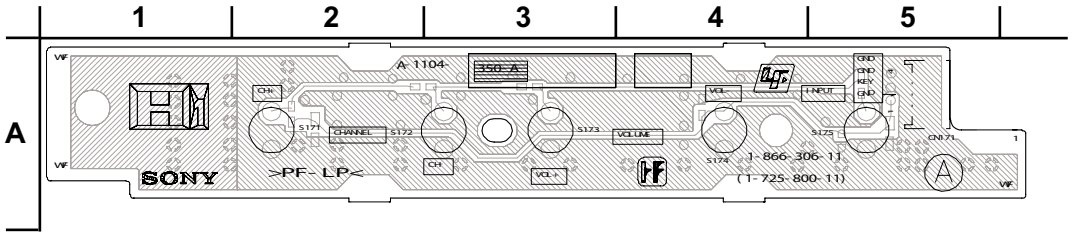


H1 BOARD SCHEMATIC DIAGRAM



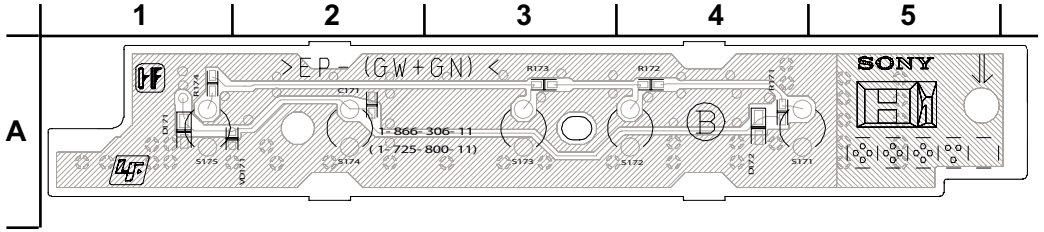
H1 [CONTROL SWITCHES]

COMPONENT SIDE

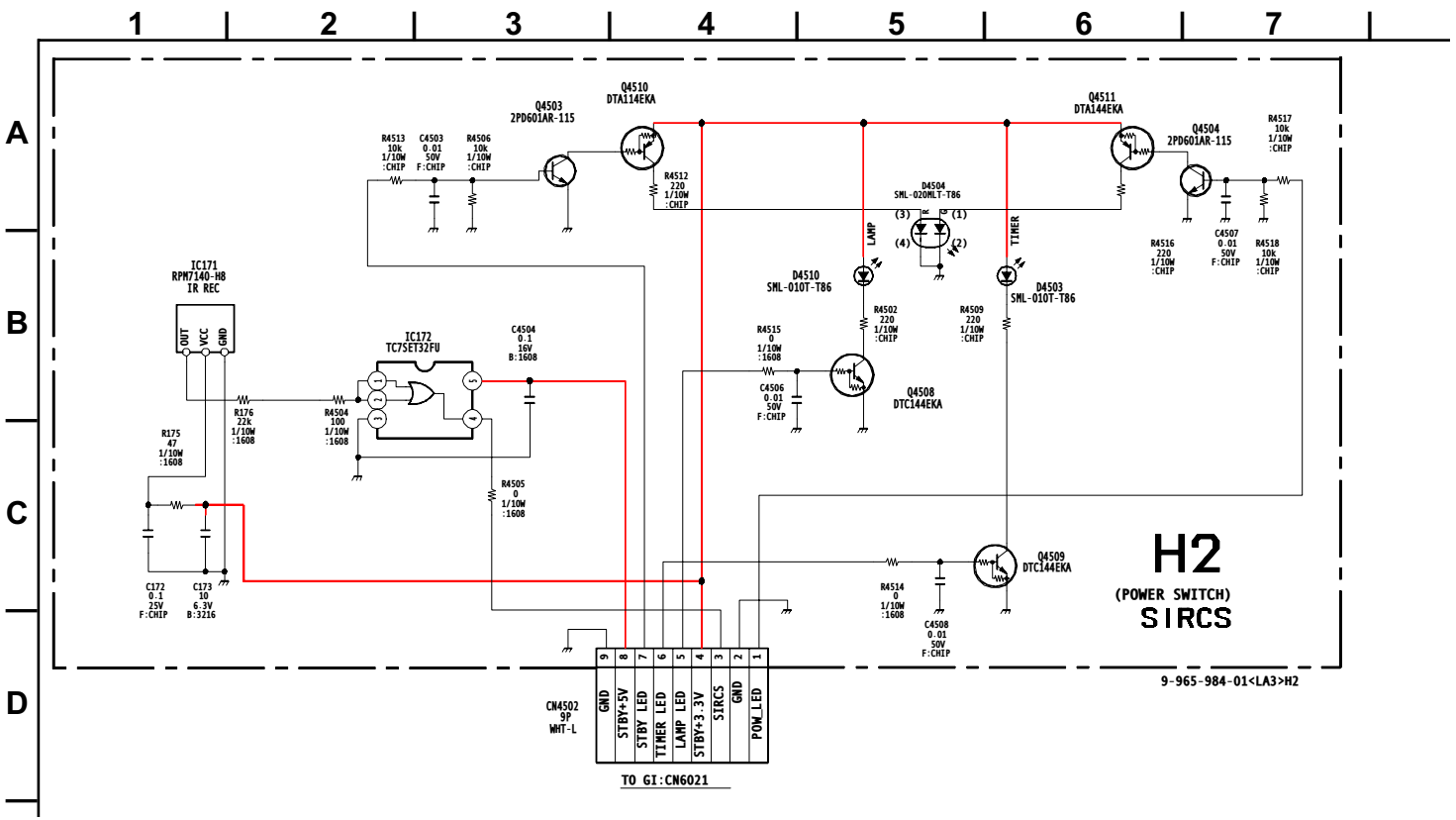


H1 [CONTROL SWITCHES]

CONDUCTOR SIDE

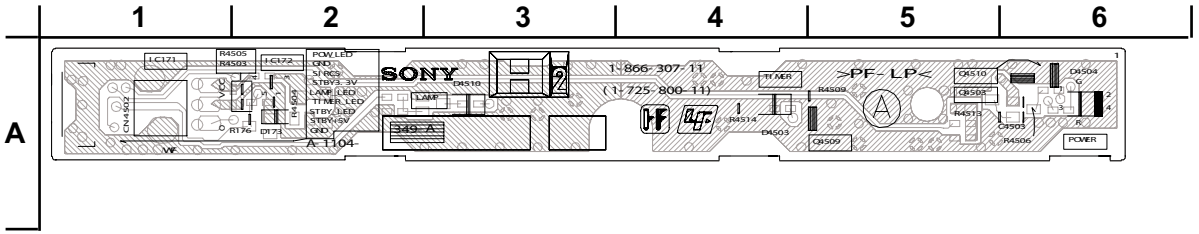


H2 BOARD SCHEMATIC DIAGRAM



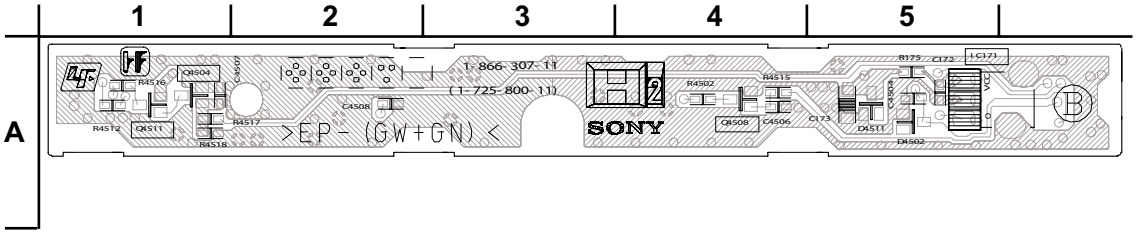
H2 [POWER SWITCH, SIRCS]

COMPONENT SIDE

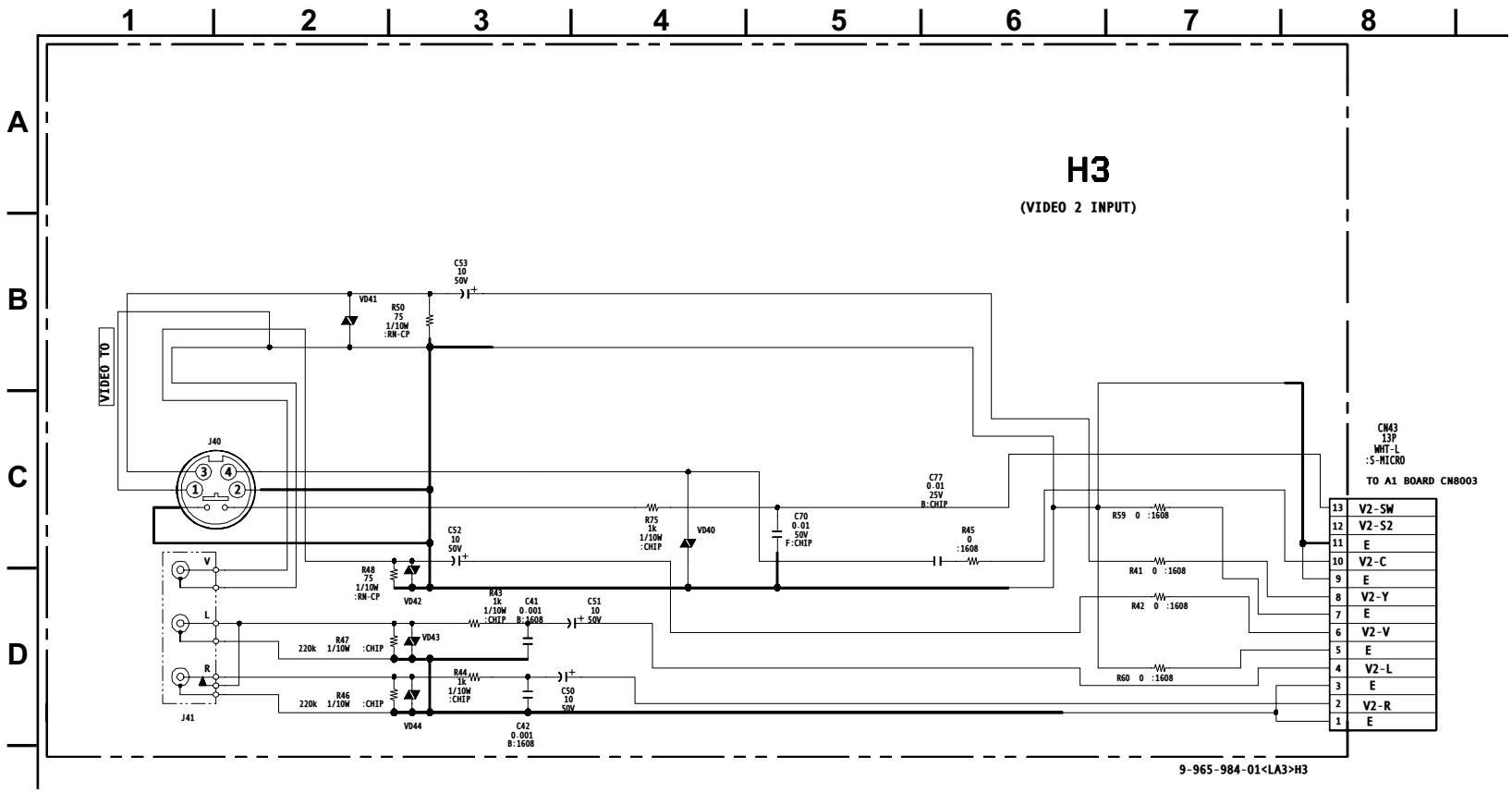


H2 [POWER SWITCH, SIRCS]

CONDUCTOR SIDE

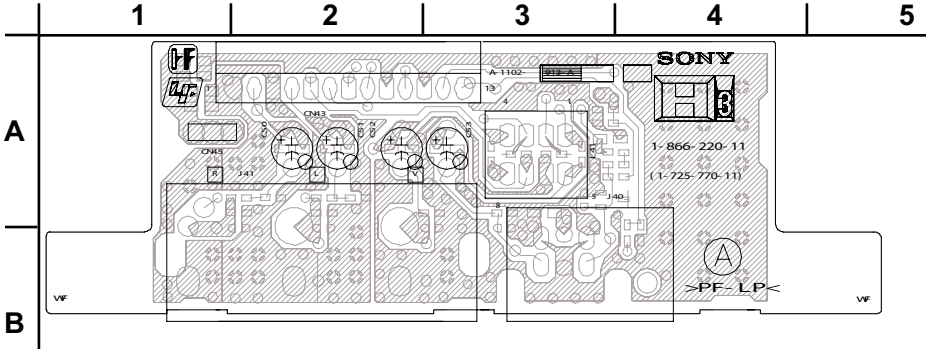


H3 BOARD SCHEMATIC DIAGRAM



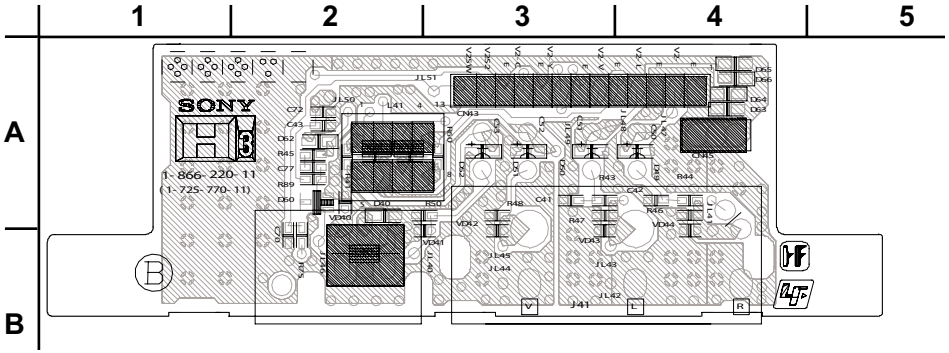
H3 [VIDEO 2 INPUT]

COMPONENT SIDE

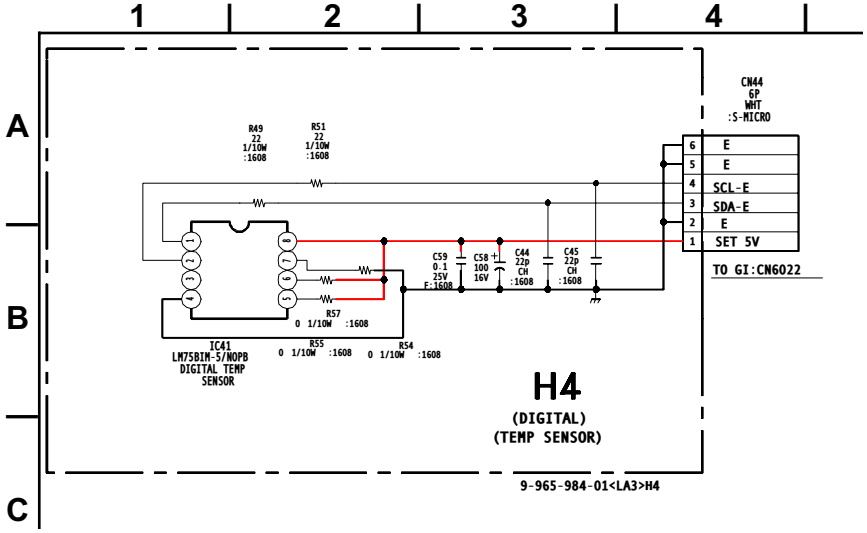


H3 [VIDEO 2 INPUT]

CONDUCTOR SIDE



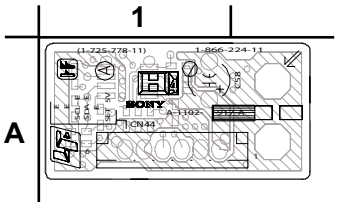
H4 BOARD SCHEMATIC DIAGRAM
(SN 9,000,001 TO 9,099,999 AND 9,800,001 TO 9,899,999 ONLY)



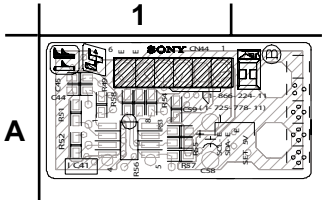
H4 [DIGITAL, TEMP SENSOR]

(SN 9,000,001 TO 9,099,999 AND 9,800,001 TO 9,899,999 ONLY)

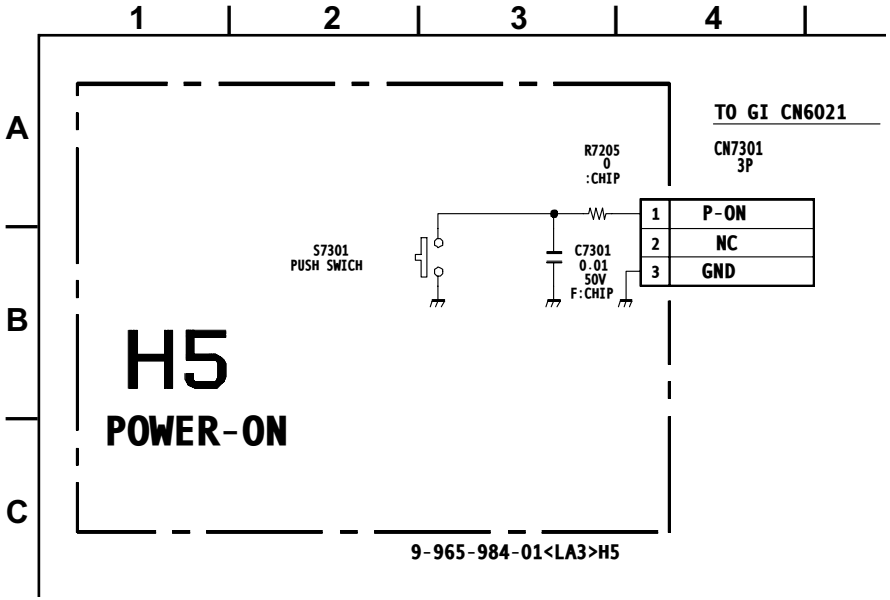
COMPONENT SIDE



CONDUCTOR SIDE

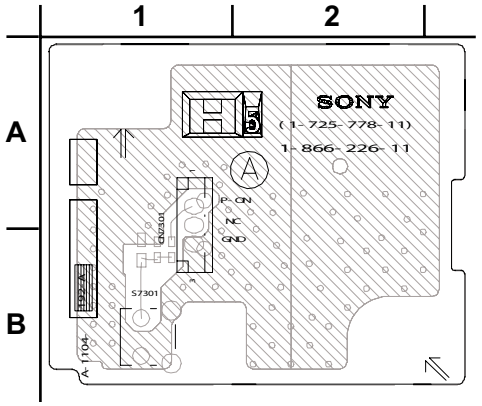


H5 BOARD SCHEMATIC DIAGRAM



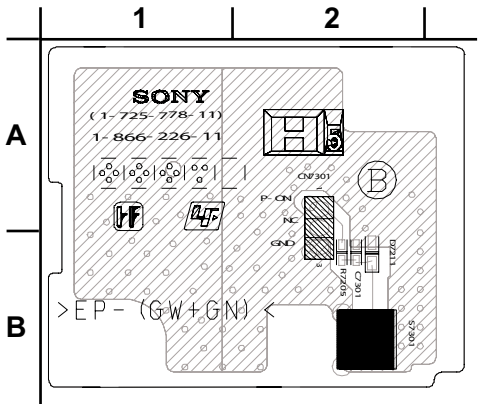
H5 [POWER ON]

COMPONENT SIDE

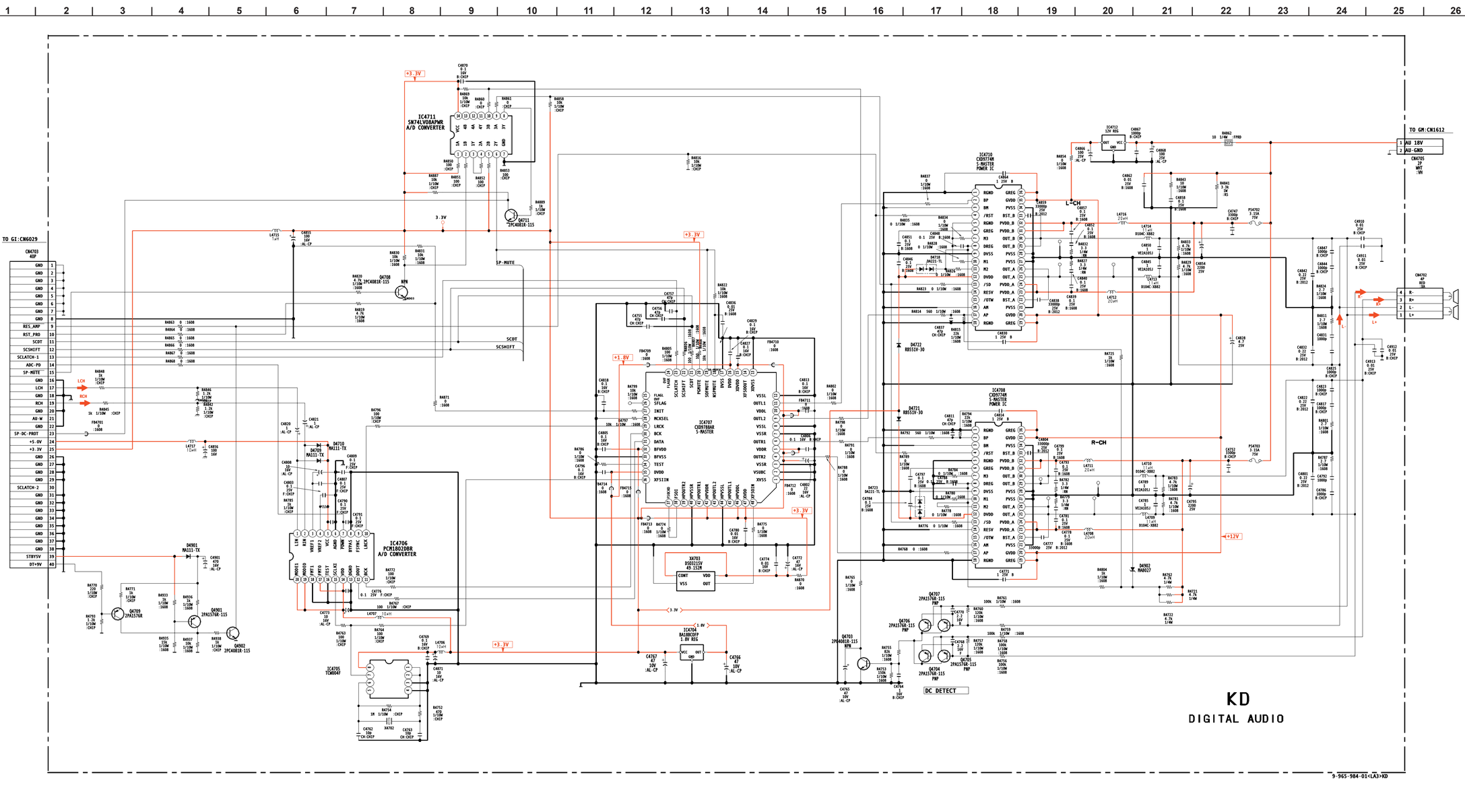


H5 [POWER ON]

CONDUCTOR SIDE

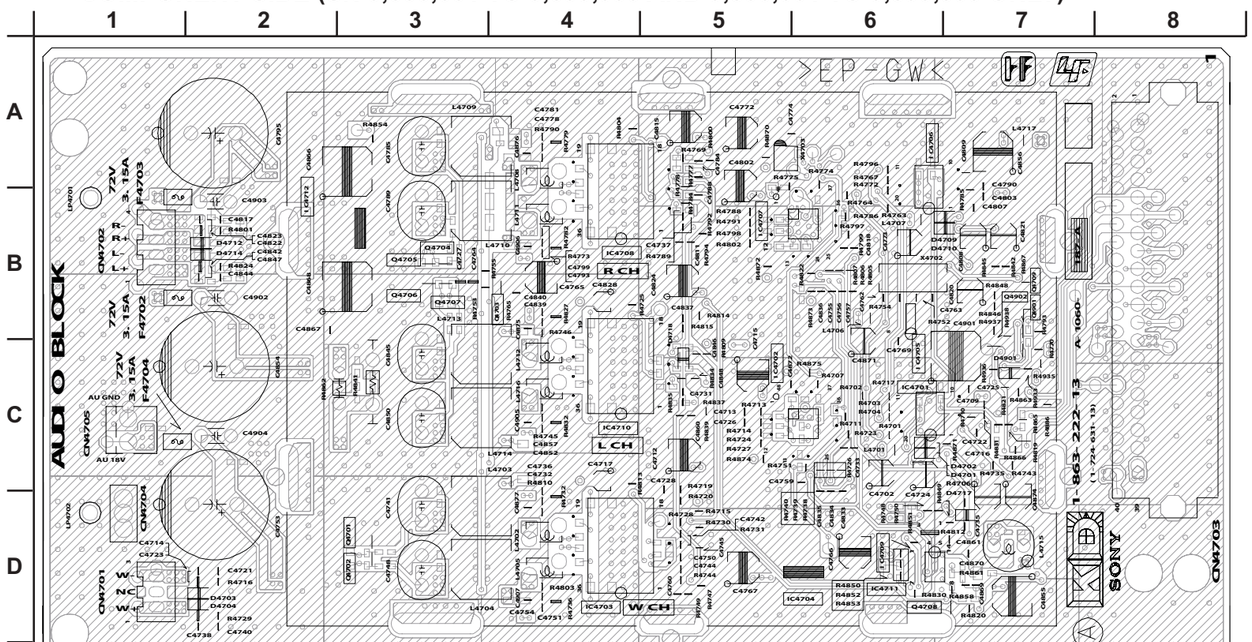


KD BOARD SCHEMATIC DIAGRAM (SN 9,000,001 TO 9,099,999 AND 9,800,001 TO 9,899,999 ONLY)



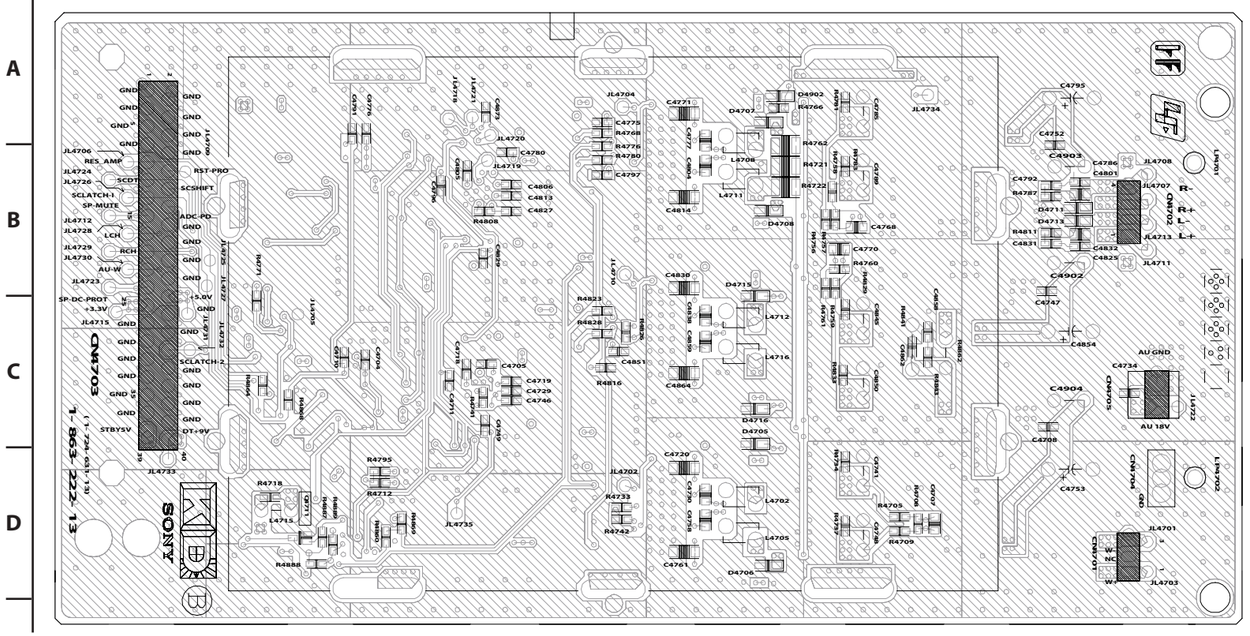
KD [DIGITAL AUDIO]

COMPONENT SIDE (SN 9,000,001 TO 9,099,999 AND 9,800,001 TO 9,899,999 ONLY)

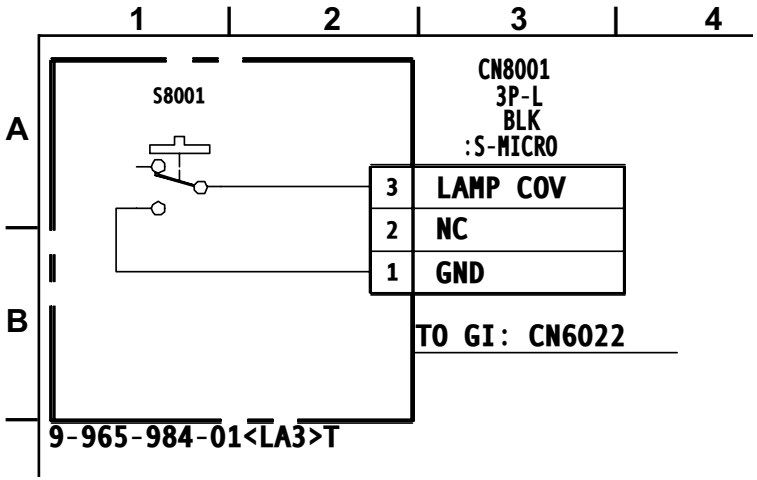


KD [DIGITAL AUDIO]

CONDUCTOR SIDE (SN 9,000,001 TO 9,099,999 AND 9,800,001 TO 9,899,999 ONLY)

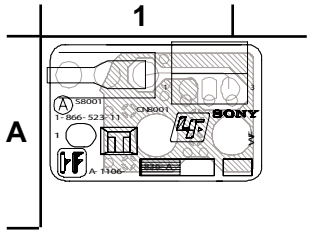


T BOARD SCHEMATIC DIAGRAM



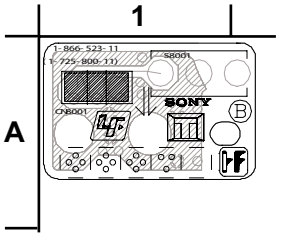
T [LAMP DOOR SWITCH]

COMPONENT SIDE

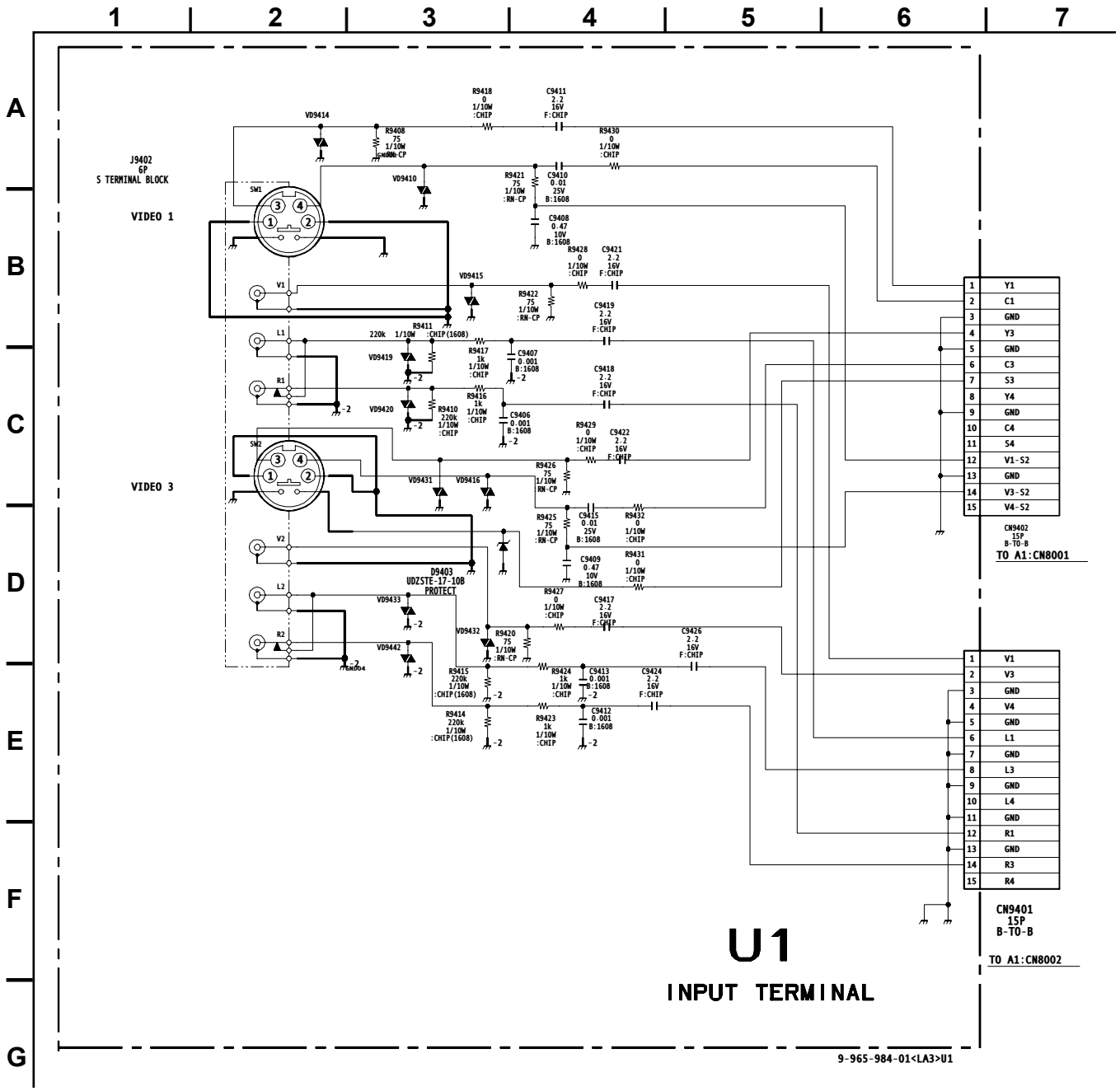


T [LAMP DOOR SWITCH]

CONDUCTOR SIDE

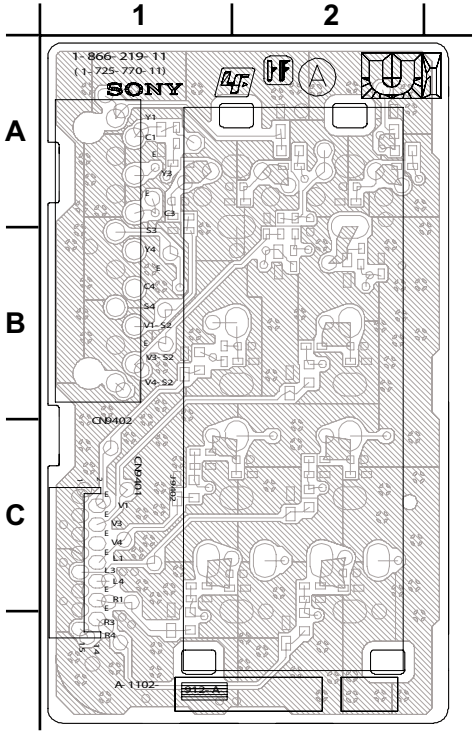


U1 BOARD SCHEMATIC DIAGRAM



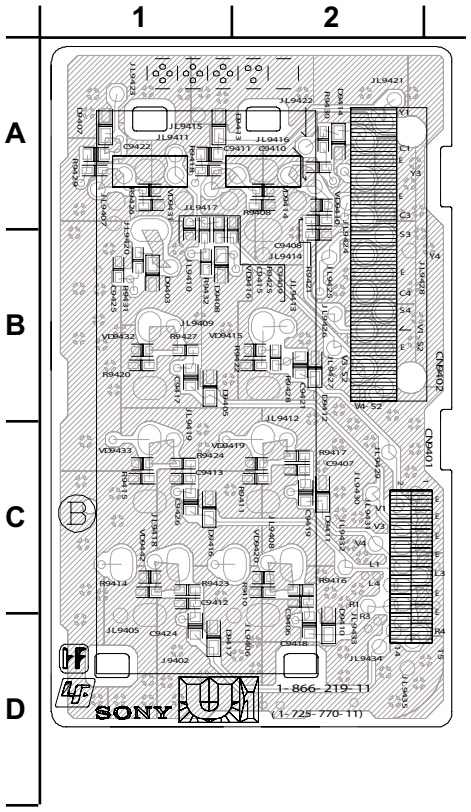
U1 [INPUT TERMINAL]

COMPONENT SIDE

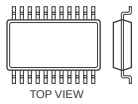


U1 [INPUT TERMINAL]

CONDUCTOR SIDE

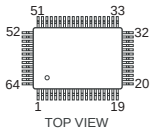


3-4. SEMICONDUCTORS

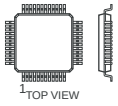


16Pin

CXA2069Q
NJW1149

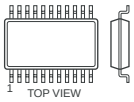


CXA2171AQ-T6



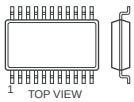
48Pin

LM75CIMX-5
M24C02-WMN6T(A)
M24C16-WMN6T(A)
MAX4451EKA-TG069
NJM4558V-TE2



8Pin

M52055FP

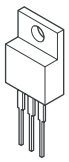


14Pin

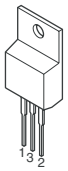
MCZ3001DA

18Pin

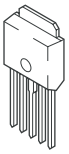
NJM78M12DL1A-TE2



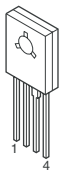
NJM79M12DL1A-TE1



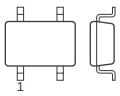
PQ07VZ012ZP



PQ30RV11
PQ30RV21
PQ30RV31

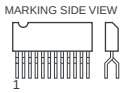


SN74CBTLV1G125DCKR



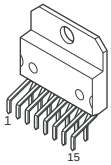
5Pin

TDA7265



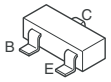
11Pin

TDA7296

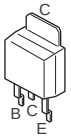


UPC1093J-1-T

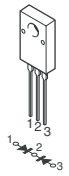
2SA1162-G
2SA1576A-T106-R
2SA1611-M5M6
2SC1623-L5L6
2SC4081-R
2SD601A-Q
DTA114EKA-T146
DTC114EK
DTC114EU
DTC143EKA-T146
DTC144EKA
DTC144EUA-T146



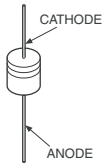
2SK2663



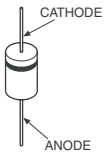
D10SC6M



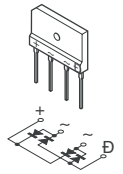
D1N20R
D1NS4
RD12SB2
RD18SB2
RD3.3SB2



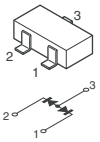
D1NL20J-TR



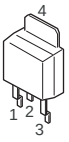
D2SB60A-F04
D4SBL40
D4SBS6-F
D6SB60L



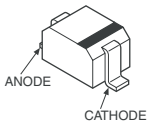
DAP202K
M1MA152WK-T1



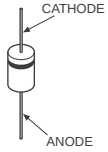
DE5SC3ML



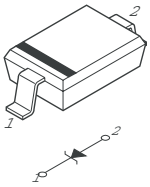
DTZ10B
HZU11B1TRF
MA111-TX
MA113-(TX)
UDZS-TE17-5.6B
UDZ-TE-17-4.3B
UDZ-TE-17-8.2B



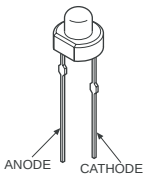
ERA22-08
ERC04-06SE



RD5.6SB2-T1
RD6.2SB2-T1
RD7.5SB2-T1



SLR-325VCT31



SECTION 4: EXPLODED VIEWS

Components not identified by a part number or description are not stocked because they are seldom required for routine service.

The component parts of an assembly are indicated by the reference numbers in the far right column of the parts list and within the dotted lines of the diagram.

* Items marked with an asterisk are not stocked since they are seldom required for routine service. Expect some delay when ordering these components.

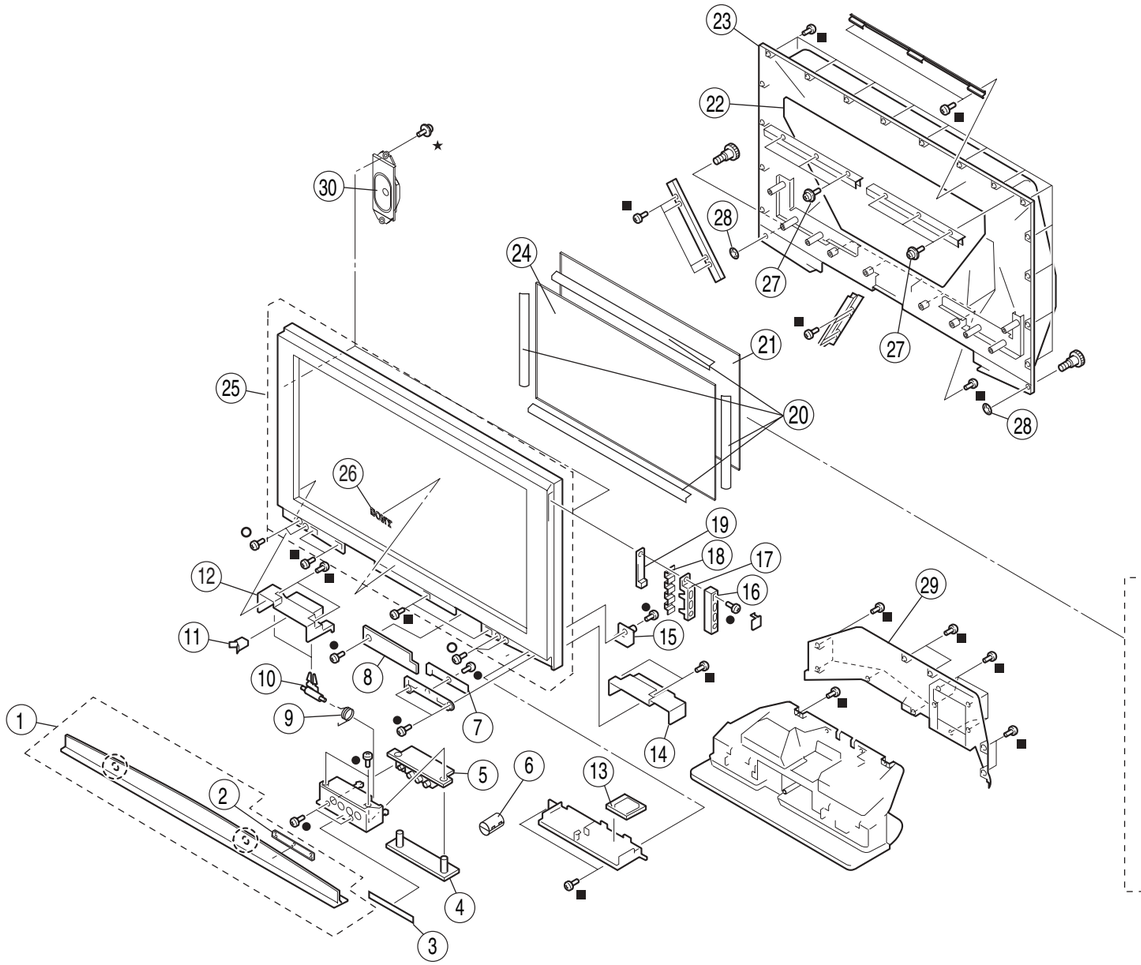
NOTE: The components identified by shading and ⚠ mark are critical for safety. Replace only with part number specified.

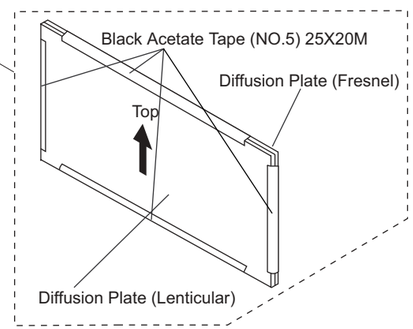
NOTE: Les composants identifies per un trame et une marque ⚠ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

4-1. COVER

■	7-685-648-79	SCREW +BVTP 3X12 TYPE2 IT-3
●	7-685-663-79	SCREW +BVTP 4X16 TYPE2 IT-3
★	4-302-404-03	SCREW (WASHER HEAD) (+P 4X16)
○	7-685-664-79	SCREW +BVTP 4X20 TYPE2 IT-3

Caution:
When removing the Mirror Cover Assembly or the Screen Frame Assembly, be sure to clean the mirror and Diffusion Plate(s) to remove any dust particles.





REF. NO.	PART NO.	DESCRIPTION [ASSEMBLY INCLUDES]
1	X-2055-475-1	FRONT COVER ASSY, (55) [2] (KDF-E55A20 ONLY)
1	X-2055-476-1	FRONTCOVER ASSY, (60) [2] (KDF-E60A20 ONLY)
2	2-595-021-01	GUIDE, LED
3	2-102-482-02	FRONT TERMINAL LABEL
4	2-055-782-01	BRACKET (R), H3
5	A-1102-913-A	H3 BOARD, MOUNTED
6	1-500-497-11	FILTER, CLAMP (FERRITE CORE)
7	A-1104-349-A	H2 BOARD, MOUNTED
* 8	2-024-426-01	COVER (55), CABLE (KDF-E55A20 ONLY)
* 8	2-024-428-01	COVER (60), CABLE (KDF-E60A20 ONLY)
* 9	2-055-626-01	SPRING (D), H3
10	4-045-250-01	DAMPER
11	4-091-144-01	CATCH, PUSH
* 12	2-055-783-02	SHIELD, H3
13	A-1109-413-A	H5 BOARD, COMPLETE
* 14	2-024-434-01	SHIELD, HM
15	2-024-435-21	BUTTON, POWER
16	2-024-429-01	BRACKET, H1
17	2-595-022-01	BUTTON PANEL
18	2-024-430-01	BUTTON, H1
19	A-1104-350-A	H1 BOARD, MOUNTED
20	7-600-004-25	TAPE, ACETATE (NO.5) 25X20M BLK
21	1-788-163-21	PLATE (55F), DIFFUSION (KDF-E55A20 ONLY)
21	1-788-164-21	PLATE (60F), DIFFUSION (KDF-E60A20 ONLY)
22	A-1087-106-A	MIRROR (55) ASSY (KDF-E55A20 ONLY)
22	A-1087-109-A	MIRROR (60) ASSY (KDF-E60A20 ONLY)
23	A-1087-105-A	MIRROR COVER ASSY (KDF-E55A20 ONLY)
23	A-1087-108-A	MIRROR COVER ASSY (KDF-E60A20 ONLY)
24	2-635-877-11	PLATE (55L), DIFFUSION (KDF-E55A20 ONLY)
24	2-635-878-11	PLATE (60L), DIFFUSION (KDF-E60A20 ONLY)
25	A-1087-104-A	SCREEN FRAME ASSY [26] (KDF-E55A20 ONLY)
25	A-1087-107-A	SREEN FRAME ASSY [26] (KDF-E60A20 ONLY)
26	3-704-179-02	EMBLEM (NO.9), SONY
27	4-302-404-03	SCREW (WASHER HEAD) (+P 4X16)
* 28	3-650-537-00	WASHER
29	2-592-615-01	COVER, REAR
30	1-826-178-11	LOUDSPEAKER (7X13CM)

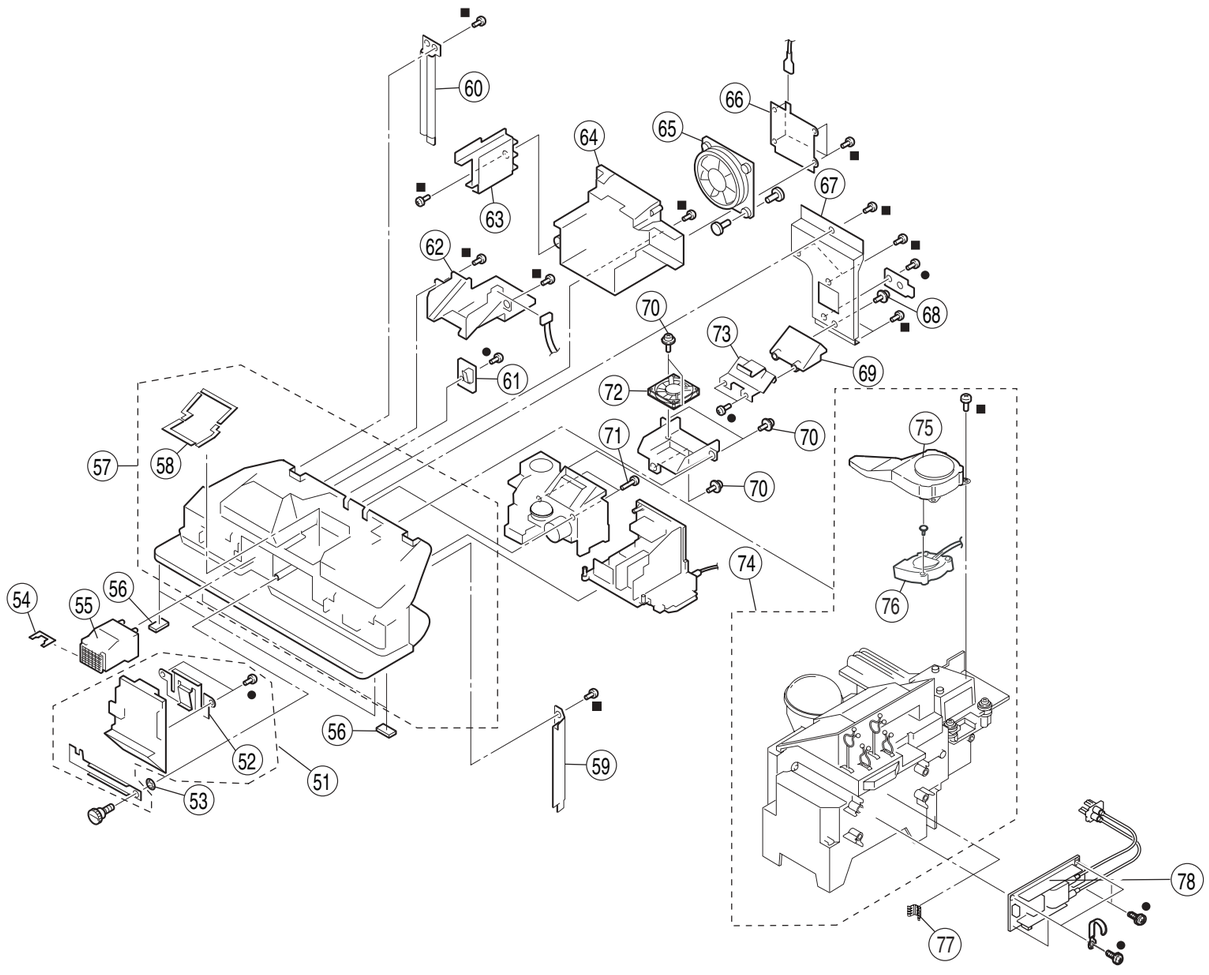
NOTE: The components identified by shading and ⚠ mark are critical for safety.
Replace only with part number specified.

NOTE: Les composants identifies per un trame et une marque ⚠ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

4-2. BOTTOM CABINET

■	7-685-648-79	SCREW +BVTP	3X12 TYPE2 IT-3
●	7-685-663-79	SCREW +BVTP	4X16 TYPE2 IT-3

Caution:
When replacing the Optics Unit Block Assembly or the DC Fan be sure to remove any dust particles.



REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]
51	X-2021-364-3	LAMP DOOR ASSY	
52	2-024-926-01	SPRING, LAMP DOOR	
* 53	3-650-537-00	WASHER	
* 54	2-055-920-01	SPRING, LAMP CASE	
* 55	A-1085-447-A	LAMP BLOCK ASSY	
56	4-097-548-11	CUSHION, FOOT	
57	X-2021-363-4	BOTTOM CABINET ASSY	[58]
58	4-077-652-21	CUSHION (A)	
* 59	2-024-925-01	STAY (R) , SIDE	
* 60	2-024-924-01	STAY (L) , SIDE	
61	A-1106-836-A	T BOARD, MOUNTED	
62	2-055-932-02	GUIDE, LAMP CASE	
* 63	2-050-988-01	FAN BRACKET (2), DUCT	
* 64	2-055-928-01	FAN BRACKET, DUCT	
⚠ *65	1-787-232-11	D.C. FAN	
* 66	2-055-936-01	PLATE, 120 FAN	
* 67	2-024-923-01	BRACKET, OU	
68	3-701-810-72	SCREW, TERMINAL	
* 69	X-2021-365-1	ADJUSTER ASSY	
70	4-302-404-03	SCREW (WASHER HEAD) (+P 4X16)	

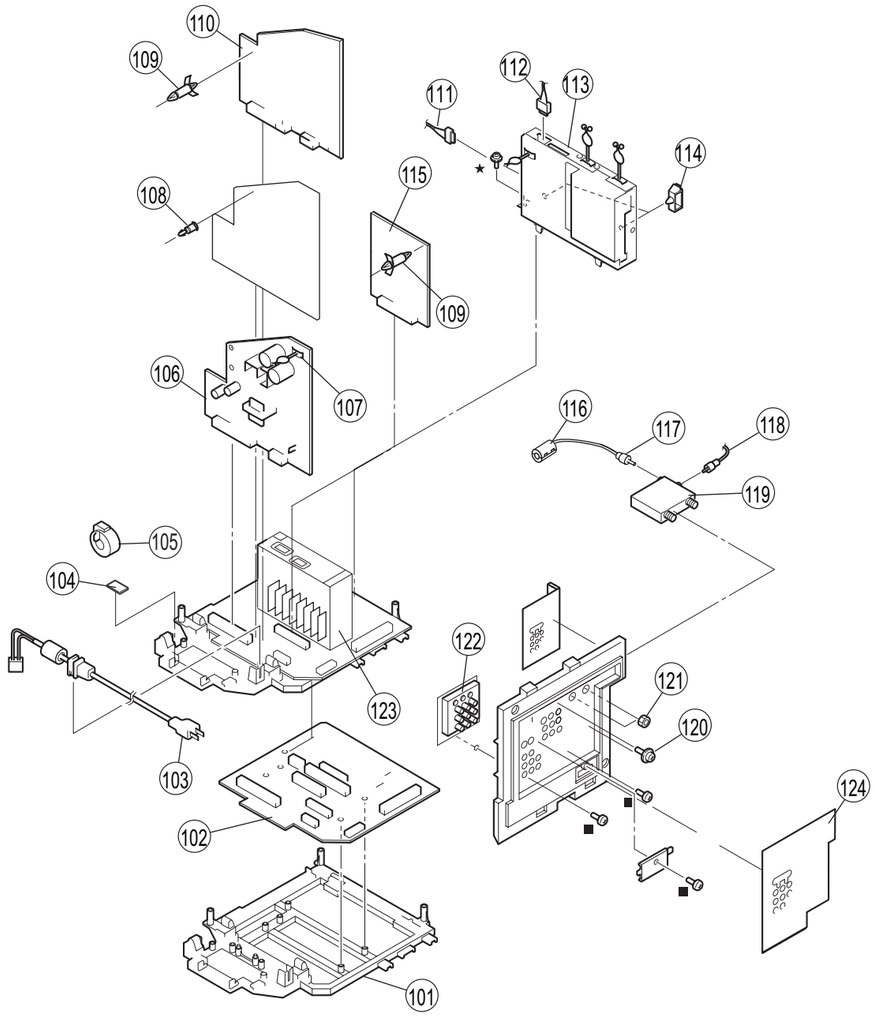
REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]
71	4-319-520-11	SCREW, SPECIAL (+PW4X30)	
⚠ *72	1-787-081-11	FAN, DC	
* 73	2-159-411-01	SPRING, OPT	
⚠ 74	A-1132-202-A	OPTICS UNIT BLOCK ASSY (KDF-E55A20 ONLY)	[75-76]
⚠ 74	A-1132-204-A	OPTICS UNIT BLOCK ASSY (KDF-E60A20 ONLY)	[75-76]
* 75	2-055-931-02	DUCT, LAMP FAN	
⚠ 76	1-787-065-11	D.C. FAN (SIROCCO)	
77	2-055-353-01	SPRING, EMI C	
⚠ 78	1-468-875-11	POWER SUPPLY BLOCK P/21	

NOTE: The components identified by shading and ⚠ mark are critical for safety. Replace only with part number specified.

NOTE: Les composants identifies per un trame et une marque ⚠ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

4-3. CHASSIS

■	7-685-648-79	SCREW +BVTP 3X12 TYPE2 IT-3
★	4-029-432-01	SCREW (3X12), (+) BVWHTP



REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]
* 101	4-103-435-11	BRACKET, MAIN	
102	A-1109-406-A	GI BOARD, COMPLETE	
(SN 9,000,001 to 9,099,999 and 9,800,001 to 9,899,999 Only)			
102	A-1148-239-A	GK BOARD, COMPLETE	
(SN 9,100,001 to 9,799,999 and 9,900,001 and Up Only)			
⚠ 103	1-791-192-31	CORD, NOISE FILTER WITH POWER	
104	A-1102-917-A	H4 BOARD, MOUNTED	
(SN 9,000,001 to 9,099,999 and 9,800,001 to 9,899,999 Only)			
105	1-500-082-11	CLAMP, SLEEVE FERRITE	
106	A-1109-407-A	GM BOARD, COMPLETE	
(SN 9,000,001 to 9,099,999 and 9,800,001 to 9,899,999 Only)			
106	A-1171-842-A	GM BOARD, COMPLETE	
(SN 9,100,001 to 9,799,999 and 9,900,001 and Up Only)			
107	4-035-160-01	PURSE LOCK (S) (DIA. 12)	
* 108	4-091-379-11	SPACER, ROCKING CARD	
* 109	4-092-047-01	CIRCUIT BOARD SUPPORTS	
110	A-1109-403-A	A1 BOARD, COMPLETE	
(SN 9,000,001 to 9,099,999 and 9,800,001 to 9,899,999 Only)			
110	A-1148-240-A	A2 BOARD, COMPLETE	
(SN 9,100,001 to 9,799,999 and 9,900,001 and Up Only)			

REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]
111	1-830-099-41	LEAD WIRE WITH CONNECTOR (LVDS)	
112	1-910-004-95	LEAD WIRE WITH CONNECTOR (LVDS)	
113	A-1109-404-A	B1 BOARD, COMPLETE	
* 114	4-098-165-01	CLAMPER	
115	A-1110-881-A	KD BOARD, COMPLETE	
(SN 9,000,001 to 9,099,999 and 9,800,001 to 9,899,999 Only)			
116	1-469-089-11	FILTER, CLAMP (FERRITE CORE)	
* 117	1-555-110-00	CABLE, P-P	
118	1-829-702-11	COAXIAL CABLE WITH F-PLUG	
119	8-597-504-00	ANTENNA SWITCHE RFD-SA811	
120	7-685-648-79	SCREW +BVTP 3X12 TYPE2 IT-3	
* 121	3-682-691-00	NUT, WASHER HEXAGON	
122	A-1102-912-A	U1 BOARD, MOUNTED	
123	A-1110-067-A	DMB COMPLETE ASSY	
124	2-597-549-01	LABEL, TERMINAL	

SECTION 5: ELECTRICAL PARTS LIST

NOTE: The components identified by shading and ⚠ mark are critical for safety. Replace only with part number specified.

NOTE: Les composants identifies per un trame et une marque ⚠ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

*** Items marked with an asterisk are not stocked since they are seldom required for routine service. Expect some delay when ordering these components.**

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RESISTORS
- **All resistors are in ohms**
- **F : nonflammable**
- **All variable and adjustable resistors have characteristic curve B, unless otherwise noted.**

When ordering parts by reference number, please include the board name.

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*** A-1109-403-A A1 BOARD, COMPLETE**
(SN 9,000,001 TO 9,099,999 AND 9,800,000 TO 9,899,999 ONLY)

CAPACITOR

REF. NO.	PART NO.	DESCRIPTION	VALUES		
C8003	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C8005	1-117-720-11	CERAMIC CHIP	4.7µF		10V
C8006	1-135-960-91	CERAMIC CHIP	10µF	10%	25V
C8007	1-164-360-11	CERAMIC CHIP	0.1µF		16V
C8008	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C8009	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C8010	1-127-931-21	ELECT CHIP	470µF	20%	16V
C8011	1-127-931-21	ELECT CHIP	470µF	20%	16V
C8012	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C8018	1-165-908-11	CERAMIC CHIP	1µF	10%	10V
C8019	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C8021	1-165-908-11	CERAMIC CHIP	1µF	10%	10V
C8045	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C8046	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C8048	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C8049	1-164-505-11	CERAMIC CHIP	2.2µF		16V
C8050	1-164-505-11	CERAMIC CHIP	2.2µF		16V
C8051	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C8061	1-109-982-11	CERAMIC CHIP	1µF	10%	10V
C8062	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C8063	1-165-908-11	CERAMIC CHIP	1µF	10%	10V
C8064	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C8065	1-162-913-11	CERAMIC CHIP	8pF	0.50pF	50V
C8066	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C8067	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C8068	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C8069	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C8070	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C8071	1-164-505-11	CERAMIC CHIP	2.2µF		16V
C8072	1-164-505-11	CERAMIC CHIP	2.2µF		16V
C8073	1-117-720-11	CERAMIC CHIP	4.7µF		10V
C8077	1-127-931-21	ELECT CHIP	470µF	20%	16V
C8078	1-127-931-21	ELECT CHIP	470µF	20%	16V
C8079	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C8080	1-124-779-00	ELECT CHIP	10µF	20%	16V
C8081	1-124-779-00	ELECT CHIP	10µF	20%	16V
C8082	1-162-968-11	CERAMIC CHIP	0.0047µF	10%	50V
C8083	1-162-968-11	CERAMIC CHIP	0.0047µF	10%	50V
C8084	1-165-908-11	CERAMIC CHIP	1µF	10%	10V
C8085	1-165-908-11	CERAMIC CHIP	1µF	10%	10V
C8086	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C8087	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C8088	1-165-908-11	CERAMIC CHIP	1µF	10%	10V
C8089	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C8090	1-165-908-11	CERAMIC CHIP	1µF	10%	10V
C8091	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C8092	1-117-681-11	ELECT CHIP	100µF	20%	16V
C8093	1-117-681-11	ELECT CHIP	100µF	20%	16V
C8094	1-117-681-11	ELECT CHIP	100µF	20%	16V
C8095	1-117-681-11	ELECT CHIP	100µF	20%	16V
C8096	1-117-681-11	ELECT CHIP	100µF	20%	16V
C8097	1-117-681-11	ELECT CHIP	100µF	20%	16V
C8098	1-127-931-21	ELECT CHIP	470µF	20%	16V
C8099	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C8100	1-117-720-11	CERAMIC CHIP	4.7µF		10V
C8101	1-127-931-21	ELECT CHIP	470µF	20%	16V
C8107	1-162-915-11	CERAMIC CHIP	10pF	0.50pF	50V
C8108	1-127-931-21	ELECT CHIP	470µF	20%	16V
C8109	1-125-779-21	CERAMIC CHIP	0.022µF	5%	25V
C8110	1-125-779-21	CERAMIC CHIP	0.022µF	5%	25V

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REF. NO.	PART NO.	DESCRIPTION	VALUES		
C8111	1-127-715-91	CERAMIC CHIP	0.22µF	10%	16V
C8112	1-126-401-21	ELECT CHIP	1µF	20%	50V
C8113	1-126-394-11	ELECT CHIP	10µF	20%	16V
C8114	1-126-394-11	ELECT CHIP	10µF	20%	16V
C8115	1-128-934-91	CERAMIC CHIP	0.33µF	20%	10V
C8116	1-126-401-21	ELECT CHIP	1µF	20%	50V
C8117	1-126-401-21	ELECT CHIP	1µF	20%	50V
C8118	1-126-394-11	ELECT CHIP	10µF	20%	16V
C8119	1-126-401-21	ELECT CHIP	1µF	20%	50V
C8120	1-126-401-21	ELECT CHIP	1µF	20%	50V
C8121	1-126-401-21	ELECT CHIP	1µF	20%	50V
C8122	1-126-401-21	ELECT CHIP	1µF	20%	50V
C8123	1-126-401-21	ELECT CHIP	1µF	20%	50V
C8124	1-126-401-21	ELECT CHIP	1µF	20%	50V
C8125	1-126-401-21	ELECT CHIP	1µF	20%	50V
C8126	1-126-394-11	ELECT CHIP	10µF	20%	16V
C8127	1-126-394-11	ELECT CHIP	10µF	20%	16V
C8128	1-126-401-21	ELECT CHIP	1µF	20%	50V
C8129	1-127-715-91	CERAMIC CHIP	0.22µF	10%	16V
C8130	1-125-779-21	CERAMIC CHIP	0.022µF	5%	25V
C8131	1-125-779-21	CERAMIC CHIP	0.022µF	5%	25V
C8132	1-162-965-11	CERAMIC CHIP	0.0015µF	10%	50V
C8133	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C8134	1-163-989-11	CERAMIC CHIP	0.033µF	10%	25V
C8135	1-127-715-91	CERAMIC CHIP	0.22µF	10%	16V
C8136	1-162-968-11	CERAMIC CHIP	0.0047µF	10%	50V
C8137	1-127-715-91	CERAMIC CHIP	0.22µF	10%	16V
C8138	1-162-968-11	CERAMIC CHIP	0.0047µF	10%	50V
C8139	1-165-176-11	CERAMIC CHIP	0.047µF	10%	16V
C8140	1-165-176-11	CERAMIC CHIP	0.047µF	10%	16V
C8141	1-125-779-21	CERAMIC CHIP	0.022µF	5%	25V
C8142	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C8143	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C8144	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C8145	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C8146	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C8147	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C8148	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C8149	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C8150	1-126-401-21	ELECT CHIP	1µF	20%	50V

REF. NO.	PART NO.	DESCRIPTION	VALUES		
C8151	1-165-112-11	CERAMIC CHIP	0.33µF		16V
C8152	1-164-345-11	CERAMIC CHIP	0.082µF	10%	25V
C8153	1-164-345-11	CERAMIC CHIP	0.082µF	10%	25V
C8154	1-124-779-00	ELECT CHIP	10µF	20%	16V
C8155	1-124-779-00	ELECT CHIP	10µF	20%	16V
C8156	1-162-965-11	CERAMIC CHIP	0.0015µF	10%	50V
C8157	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C8158	1-163-989-11	CERAMIC CHIP	0.033µF	10%	25V
C8159	1-165-176-11	CERAMIC CHIP	0.047µF	10%	16V
C8160	1-165-176-11	CERAMIC CHIP	0.047µF	10%	16V
C8161	1-162-970-11	CERAMIC CHIP	0.01µF	5%	25V
C8162	1-162-968-11	CERAMIC CHIP	0.0047µF	10%	50V
C8163	1-162-968-11	CERAMIC CHIP	0.0047µF	10%	50V
C8164	1-128-536-11	ELECT CHIP	100µF	20%	25V
C8165	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C8166	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C8167	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C8168	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C8169	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C8200	1-127-715-91	CERAMIC CHIP	0.22µF	10%	16V
C8201	1-128-996-11	ELECT CHIP	4.7µF	20%	50V
C8202	1-117-681-11	ELECT CHIP	100µF	20%	16V
C8203	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C8204	1-124-779-00	ELECT CHIP	10µF	20%	16V
C8205	1-164-360-11	CERAMIC CHIP	0.1µF		16V
C8206	1-117-681-11	ELECT CHIP	100µF	20%	16V
C8207	1-164-230-11	CERAMIC CHIP	220pF	5%	50V
C8208	1-164-230-11	CERAMIC CHIP	220pF	5%	50V
C8209	1-127-573-11	CERAMIC CHIP	1µF	10%	16V
C8210	1-127-573-11	CERAMIC CHIP	1µF	10%	16V
C8531	1-128-357-11	ELECT CHIP	10µF	20%	16V
C8532	1-128-357-11	ELECT CHIP	10µF	20%	16V
C8544	1-117-681-11	ELECT CHIP	100µF	20%	16V
C8545	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C8548	1-127-931-21	ELECT CHIP	470µF	20%	16V
C8550	1-165-908-11	CERAMIC CHIP	1µF	10%	10V
C8551	1-165-908-11	CERAMIC CHIP	1µF	10%	10V
C8559	1-127-931-21	ELECT CHIP	470µF	20%	16V
C8560	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C8589	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V

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	REF. NO.	PART NO.	DESCRIPTION	VALUES
	C8593	1-117-681-11	ELECT CHIP	100µF 20% 16V
	C8609	1-128-357-11	ELECT CHIP	10µF 20% 16V
	C8610	1-128-357-11	ELECT CHIP	10µF 20% 16V
		CONNECTOR		
*	CN8001	1-691-616-21	CONNECTOR, BOARD TO BOARD	15P
*	CN8002	1-580-974-11	CONNECTOR, BOARD TO BOARD	
*	CN8003	1-818-749-11	PIN, CONNECTOR 16P	
	CN8006	1-793-419-11	CONNECTOR, BOARD TO BOARD	4P
*	CN8008	1-785-532-11	PIN, CONNECTOR (PC BOARD)	14P
	CN8039	1-695-915-11	TAB (CONTACT)	
	CN8041	1-695-915-11	TAB (CONTACT)	
		DIODE		
	D8006	8-719-977-28	DIODE	DTZ10B
	D8007	8-719-977-28	DIODE	DTZ10B
	D8008	8-719-977-28	DIODE	DTZ10B
	D8009	8-719-977-28	DIODE	DTZ10B
	D8010	8-719-977-28	DIODE	DTZ10B
	D8011	8-719-977-28	DIODE	DTZ10B
	D8200	8-719-041-97	DIODE	MA113-(TX)
	D8201	8-719-081-97	DIODE	MMDL914T1
	D8202	8-719-041-97	DIODE	MA113-(TX)
	D8203	8-719-977-28	DIODE	DTZ10B
	D8204	8-719-000-07	DIODE	MC2836
	D8205	8-719-000-08	DIODE	MC2838
		FERRITE BEAD		
	FB8003	1-414-228-11	FERRITE	0µH
		IC		
	IC8001	8-753-232-63	IC	CXA2229Q-T6
	IC8002	6-706-805-01	IC	TL52055DR
	IC8200	8-759-669-46	IC	LM358PWR-12
	IC8502	8-752-107-98	IC	CXA2188Q-T4
	IC8504	6-706-456-01	IC	NJW1169FH1
	IC8505	8-759-669-46	IC	LM358PWR-12

	REF. NO.	PART NO.	DESCRIPTION	VALUES
		JACK		
*	J8002	1-818-708-11	JACK, PIN	6P
*	J8004	1-818-709-11	PHONO JACK	6P
		COIL		
	L8002	1-400-397-11	INDUCTOR	10µH
	L8003	1-469-555-21	INDUCTOR	10µH
	L8010	1-414-856-11	INDUCTOR	10µH
	L8011	1-414-856-11	INDUCTOR	10µH
	L8015	1-400-397-11	INDUCTOR	10µH
	L8016	1-400-397-11	INDUCTOR	10µH
	L8017	1-414-856-11	INDUCTOR	10µH
	L8502	1-400-397-11	INDUCTOR	10µH
	L8503	1-400-397-11	INDUCTOR	10µH
		TRANSISTOR		
	Q8010	8-729-600-22	TRANSISTOR	2SA1235-F
	Q8013	8-729-120-28	TRANSISTOR	2SC1623-L5L6
	Q8015	8-729-122-63	TRANSISTOR	2SA1226-E4
	Q8017	8-729-122-63	TRANSISTOR	2SA1226-E4
	Q8022	8-729-122-63	TRANSISTOR	2SA1226-E4
	Q8024	8-729-600-22	TRANSISTOR	2SA1235-F
	Q8026	8-729-120-28	TRANSISTOR	2SC1623-L5L6
	Q8028	8-729-600-22	TRANSISTOR	2SA1235-F
	Q8031	8-729-600-22	TRANSISTOR	2SA1235-F
	Q8032	8-729-120-28	TRANSISTOR	2SC1623-L5L6
	Q8033	8-729-120-28	TRANSISTOR	2SC1623-L5L6
	Q8034	8-729-120-28	TRANSISTOR	2SC1623-L5L6
	Q8100	8-729-044-58	TRANSISTOR	SI2304DS-T1
	Q8102	8-729-120-28	TRANSISTOR	2SC1623-L5L6
	Q8200	8-729-600-22	TRANSISTOR	2SA1235-F
	Q8201	8-729-120-28	TRANSISTOR	2SC1623-L5L6
	Q8202	8-729-120-28	TRANSISTOR	2SC1623-L5L6
	Q8203	8-729-600-22	TRANSISTOR	2SA1235-F
	Q8204	8-729-120-28	TRANSISTOR	2SC1623-L5L6
	Q8501	8-729-120-28	TRANSISTOR	2SC1623-L5L6
	Q8502	8-729-120-28	TRANSISTOR	2SC1623-L5L6

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RESISTOR

REF. NO.	PART NO.	DESCRIPTION	VALUES		
R8004	1-216-853-11	METAL CHIP	470K	5%	1/10W
R8005	1-216-853-11	METAL CHIP	470K	5%	1/10W
R8006	1-216-864-11	SHORT CHIP			
R8007	1-216-864-11	SHORT CHIP			
R8008	1-216-864-11	SHORT CHIP			
R8009	1-216-853-11	METAL CHIP	470K	5%	1/10W
R8010	1-216-853-11	METAL CHIP	470K	5%	1/10W
R8013	1-216-821-11	METAL CHIP	1K	5%	1/10W
R8014	1-216-821-11	METAL CHIP	1K	5%	1/10W
R8015	1-216-821-11	METAL CHIP	1K	5%	1/10W
R8016	1-216-821-11	METAL CHIP	1K	5%	1/10W
R8017	1-216-821-11	METAL CHIP	1K	5%	1/10W
R8018	1-216-821-11	METAL CHIP	1K	5%	1/10W
R8019	1-216-864-11	SHORT CHIP			
R8020	1-216-864-11	SHORT CHIP			
R8021	1-216-853-11	METAL CHIP	470K	5%	1/10W
R8022	1-216-853-11	METAL CHIP	470K	5%	1/10W
R8023	1-216-821-11	METAL CHIP	1K	5%	1/10W
R8024	1-216-821-11	METAL CHIP	1K	5%	1/10W
R8025	1-216-833-11	METAL CHIP	10K	5%	1/10W
R8026	1-216-833-11	METAL CHIP	10K	5%	1/10W
R8027	1-216-821-11	METAL CHIP	1K	5%	1/10W
R8028	1-216-821-11	METAL CHIP	1K	5%	1/10W
R8034	1-216-808-11	METAL CHIP	82	5%	1/10W
R8035	1-216-807-11	METAL CHIP	68	5%	1/10W
R8036	1-216-809-11	METAL CHIP	100	5%	1/10W
R8037	1-216-809-11	METAL CHIP	100	5%	1/10W
R8041	1-218-665-11	METAL CHIP	75	0.50%	1/10W
R8042	1-218-665-11	METAL CHIP	75	0.50%	1/10W
R8043	1-216-809-11	METAL CHIP	100	5%	1/10W
R8044	1-216-821-11	METAL CHIP	1K	5%	1/10W
R8046	1-218-665-11	METAL CHIP	75	0.50%	1/10W
R8048	1-216-845-11	METAL CHIP	100K	5%	1/10W
R8049	1-216-864-11	SHORT CHIP			
R8050	1-216-864-11	SHORT CHIP			
R8051	1-216-821-11	METAL CHIP	1K	5%	1/10W
R8052	1-216-864-11	SHORT CHIP			
R8053	1-216-821-11	METAL CHIP	1K	5%	1/10W
R8054	1-216-811-11	METAL CHIP	150	5%	1/10W
R8055	1-216-817-11	METAL CHIP	470	5%	1/10W
R8056	1-218-700-11	METAL CHIP	2.2K	0.50%	1/10W
R8057	1-218-698-11	METAL CHIP	1.8K	0.50%	1/10W
R8058	1-216-833-11	METAL CHIP	10K	5%	1/10W
R8059	1-216-821-11	METAL CHIP	1K	5%	1/10W
R8063	1-218-668-11	METAL CHIP	100	0.50%	1/10W
R8064	1-218-668-11	METAL CHIP	100	0.50%	1/10W
R8066	1-218-668-11	METAL CHIP	100	0.50%	1/10W
R8068	1-216-821-11	METAL CHIP	1K	5%	1/10W
R8069	1-216-833-11	METAL CHIP	10K	5%	1/10W
R8071	1-216-809-11	METAL CHIP	100	5%	1/10W
R8072	1-216-857-11	METAL CHIP	1M	5%	1/10W
R8073	1-216-857-11	METAL CHIP	1M	5%	1/10W
R8074	1-218-889-11	METAL CHIP	56K	0.50%	1/10W
R8075	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R8076	1-216-821-11	METAL CHIP	1K	5%	1/10W
R8077	1-216-813-11	METAL CHIP	220	5%	1/10W
R8078	1-216-801-11	METAL CHIP	22	5%	1/10W
R8079	1-216-801-11	METAL CHIP	22	5%	1/10W
R8082	1-216-833-11	METAL CHIP	10K	5%	1/10W
R8084	1-216-857-11	METAL CHIP	1M	5%	1/10W
R8085	1-216-809-11	METAL CHIP	100	5%	1/10W
R8086	1-216-809-11	METAL CHIP	100	5%	1/10W
R8087	1-216-809-11	METAL CHIP	100	5%	1/10W
R8088	1-216-809-11	METAL CHIP	100	5%	1/10W
R8091	1-216-821-11	METAL CHIP	1K	5%	1/10W
R8092	1-216-809-11	METAL CHIP	100	5%	1/10W
R8093	1-216-809-11	METAL CHIP	100	5%	1/10W
R8094	1-216-809-11	METAL CHIP	100	5%	1/10W
R8095	1-216-833-11	METAL CHIP	10K	5%	1/10W
R8097	1-216-809-11	METAL CHIP	100	5%	1/10W
R8098	1-216-809-11	METAL CHIP	100	5%	1/10W
R8099	1-216-809-11	METAL CHIP	100	5%	1/10W
R8100	1-216-809-11	METAL CHIP	100	5%	1/10W
R8101	1-216-809-11	METAL CHIP	100	5%	1/10W
R8103	1-216-809-11	METAL CHIP	100	5%	1/10W
R8108	1-216-809-11	METAL CHIP	100	5%	1/10W
R8109	1-216-809-11	METAL CHIP	100	5%	1/10W
R8110	1-216-809-11	METAL CHIP	100	5%	1/10W
R8115	1-216-809-11	METAL CHIP	100	5%	1/10W
R8117	1-216-861-11	METAL CHIP	2.2M	5%	1/10W

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REF. NO.	PART NO.	DESCRIPTION	VALUES		
R8119	1-216-864-11	SHORT CHIP			
R8120	1-216-864-11	SHORT CHIP			
R8121	1-216-864-11	SHORT CHIP			
R8122	1-216-821-11	METAL CHIP	1K	5%	1/10W
R8123	1-216-821-11	METAL CHIP	1K	5%	1/10W
R8124	1-216-821-11	METAL CHIP	1K	5%	1/10W
R8125	1-216-864-11	SHORT CHIP			
R8126	1-216-838-11	METAL CHIP	27K	5%	1/10W
R8127	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R8128	1-216-864-11	SHORT CHIP			
R8129	1-216-809-11	METAL CHIP	100	5%	1/10W
R8130	1-216-809-11	METAL CHIP	100	5%	1/10W
R8131	1-216-809-11	METAL CHIP	100	5%	1/10W
R8132	1-216-833-11	METAL CHIP	10K	5%	1/10W
R8133	1-216-864-11	SHORT CHIP			
R8134	1-216-864-11	SHORT CHIP			
R8135	1-216-838-11	METAL CHIP	27K	5%	1/10W
R8136	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R8137	1-216-853-11	METAL CHIP	470K	5%	1/10W
R8138	1-216-837-11	METAL CHIP	22K	5%	1/10W
R8139	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R8140	1-216-834-11	METAL CHIP	12K	5%	1/10W
R8142	1-216-842-11	METAL CHIP	56K	5%	1/10W
R8143	1-216-830-11	METAL CHIP	5.6K	5%	1/10W
R8144	1-218-678-11	METAL CHIP	270	0.50%	1/10W
R8145	1-218-678-11	METAL CHIP	270	0.50%	1/10W
R8146	1-218-678-11	METAL CHIP	270	0.50%	1/10W
R8147	1-218-678-11	METAL CHIP	270	0.50%	1/10W
R8148	1-218-678-11	METAL CHIP	270	0.50%	1/10W
R8149	1-218-678-11	METAL CHIP	270	0.50%	1/10W
R8150	1-216-836-11	METAL CHIP	18K	5%	1/10W
R8151	1-216-843-11	METAL CHIP	68K	5%	1/10W
R8152	1-216-832-11	METAL CHIP	8.2K	5%	1/10W
R8153	1-216-838-11	METAL CHIP	27K	5%	1/10W
R8154	1-218-741-11	METAL CHIP	110K	0.50%	1/10W
R8155	1-216-853-11	METAL CHIP	470K	5%	1/10W
R8156	1-216-833-11	METAL CHIP	10K	5%	1/10W
R8158	1-216-833-11	METAL CHIP	10K	5%	1/10W
R8159	1-216-833-11	METAL CHIP	10K	5%	1/10W
R8200	1-216-864-11	SHORT CHIP			

REF. NO.	PART NO.	DESCRIPTION	VALUES		
R8201	1-216-833-11	METAL CHIP	10K	5%	1/10W
R8202	1-216-864-11	SHORT CHIP			
R8203	1-216-836-11	METAL CHIP	18K	5%	1/10W
R8204	1-216-838-11	METAL CHIP	27K	5%	1/10W
R8205	1-216-841-11	METAL CHIP	47K	5%	1/10W
R8206	1-216-864-11	SHORT CHIP			
R8207	1-216-837-11	METAL CHIP	22K	5%	1/10W
R8208	1-216-857-11	METAL CHIP	1M	5%	1/10W
R8209	1-216-830-11	METAL CHIP	5.6K	5%	1/10W
R8210	1-218-867-11	METAL CHIP	6.8K	0.50%	1/10W
R8211	1-216-821-11	METAL CHIP	1K	5%	1/10W
R8212	1-216-837-11	METAL CHIP	22K	5%	1/10W
R8213	1-216-837-11	METAL CHIP	22K	5%	1/10W
R8214	1-216-828-11	METAL CHIP	3.9K	5%	1/10W
R8215	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R8216	1-216-828-11	METAL CHIP	3.9K	5%	1/10W
R8217	1-216-809-11	METAL CHIP	100	5%	1/10W
R8218	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R8219	1-216-809-11	METAL CHIP	100	5%	1/10W
R8221	1-216-864-11	SHORT CHIP			
R8222	1-216-864-11	SHORT CHIP			
R8252	1-216-864-11	SHORT CHIP			
R8254	1-218-676-11	METAL CHIP	220	0.50%	1/10W
R8255	1-218-676-11	METAL CHIP	220	0.50%	1/10W
R8256	1-218-676-11	METAL CHIP	220	0.50%	1/10W
R8257	1-218-676-11	METAL CHIP	220	0.50%	1/10W
R8258	1-218-676-11	METAL CHIP	220	0.50%	1/10W
R8259	1-218-676-11	METAL CHIP	220	0.50%	1/10W
R8260	1-218-676-11	METAL CHIP	220	0.50%	1/10W
R8261	1-218-676-11	METAL CHIP	220	0.50%	1/10W
R8262	1-218-676-11	METAL CHIP	220	0.50%	1/10W
R8263	1-218-676-11	METAL CHIP	220	0.50%	1/10W
R8264	1-218-676-11	METAL CHIP	220	0.50%	1/10W
R8265	1-218-676-11	METAL CHIP	220	0.50%	1/10W
R8269	1-216-809-11	METAL CHIP	100	5%	1/10W
R8275	1-216-803-11	METAL CHIP	33	5%	1/10W
R8276	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R8277	1-216-805-11	METAL CHIP	47	5%	1/10W
R8278	1-216-805-11	METAL CHIP	47	5%	1/10W
R8279	1-216-805-11	METAL CHIP	47	5%	1/10W

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REF. NO.	PART NO.	DESCRIPTION	VALUES		
R8280	1-216-805-11	METAL CHIP	47	5%	1/10W
R8281	1-216-805-11	METAL CHIP	47	5%	1/10W
R8282	1-216-805-11	METAL CHIP	47	5%	1/10W
R8283	1-216-833-11	METAL CHIP	10K	5%	1/10W
R8284	1-216-833-11	METAL CHIP	10K	5%	1/10W
R8285	1-216-833-11	METAL CHIP	10K	5%	1/10W
R8286	1-216-833-11	METAL CHIP	10K	5%	1/10W
R8287	1-216-841-11	METAL CHIP	47K	5%	1/10W
R8288	1-216-841-11	METAL CHIP	47K	5%	1/10W
R8315	1-216-864-11	SHORT CHIP			
R8316	1-216-864-11	SHORT CHIP			
R8319	1-216-864-11	SHORT CHIP			
R8320	1-216-864-11	SHORT CHIP			
R8326	1-216-864-11	SHORT CHIP			
R8328	1-216-864-11	SHORT CHIP			
R8329	1-216-864-11	SHORT CHIP			
R8332	1-216-864-11	SHORT CHIP			
R8333	1-216-864-11	SHORT CHIP			
R8334	1-216-864-11	SHORT CHIP			
R8335	1-216-864-11	SHORT CHIP			
R8336	1-216-864-11	SHORT CHIP			
R8337	1-216-864-11	SHORT CHIP			
R8338	1-216-864-11	SHORT CHIP			
R8515	1-216-864-11	SHORT CHIP			
R8516	1-216-864-11	SHORT CHIP			
R8530	1-216-809-11	METAL CHIP	100	5%	1/10W
R8531	1-216-809-11	METAL CHIP	100	5%	1/10W
R8532	1-216-801-11	METAL CHIP	22	5%	1/10W
R8533	1-216-801-11	METAL CHIP	22	5%	1/10W
R8543	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R8544	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R8545	1-216-823-11	METAL CHIP	1.5K	5%	1/10W
R8547	1-216-823-11	METAL CHIP	1.5K	5%	1/10W
R8548	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R8550	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R8556	1-216-821-11	METAL CHIP	1K	5%	1/10W
R8558	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R8560	1-216-821-11	METAL CHIP	1K	5%	1/10W
R8561	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R8562	1-216-825-11	METAL CHIP	2.2K	5%	1/10W

REF. NO.	PART NO.	DESCRIPTION	VALUES		
R8563	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R8564	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R8565	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R8566	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R8567	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R8579	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R8580	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R8582	1-216-828-11	METAL CHIP	3.9K	5%	1/10W
R8583	1-216-864-11	SHORT CHIP			
R8584	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R8585	1-216-828-11	METAL CHIP	3.9K	5%	1/10W
R8587	1-216-839-11	METAL CHIP	33K	5%	1/10W
R8588	1-216-843-11	METAL CHIP	68K	5%	1/10W
R8589	1-216-864-11	SHORT CHIP			
R8591	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R8593	1-216-839-11	METAL CHIP	33K	5%	1/10W
R8594	1-216-843-11	METAL CHIP	68K	5%	1/10W
R8615	1-216-864-11	SHORT CHIP			

VARISTOR

VD8006	1-803-974-21	VARISTOR, CHIP	(1608)
VD8007	1-803-974-21	VARISTOR, CHIP	(1608)
VD8011	1-803-974-21	VARISTOR, CHIP	(1608)
VD8012	1-803-974-21	VARISTOR, CHIP	(1608)
VD8013	1-803-974-21	VARISTOR, CHIP	(1608)
VD8014	1-803-974-21	VARISTOR, CHIP	(1608)
VD8015	1-803-974-21	VARISTOR, CHIP	(1608)
VD8016	1-803-974-21	VARISTOR, CHIP	(1608)
VD8017	1-803-974-21	VARISTOR, CHIP	(1608)
VD8018	1-803-974-21	VARISTOR, CHIP	(1608)
VD8019	1-803-974-21	VARISTOR, CHIP	(1608)
VD8020	1-803-974-21	VARISTOR, CHIP	(1608)
VD8021	1-803-974-21	VARISTOR, CHIP	(1608)
VD8022	1-803-974-21	VARISTOR, CHIP	(1608)
VD8023	1-803-974-21	VARISTOR, CHIP	(1608)
VD8024	1-803-974-21	VARISTOR, CHIP	(1608)

CRYSTAL

X8001	1-781-282-11	VIBRATOR, CERAMIC

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*** A-1148-240-A A2 BOARD, COMPLETE**
(SN 9,100,001 TO 9,799,999 AND 9,900,000 AND UP ONLY)

CAPACITOR

REF. NO.	PART NO.	DESCRIPTION	VALUES		
C8003	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C8005	1-117-720-11	CERAMIC CHIP	4.7µF		10V
C8006	1-135-960-91	CERAMIC CHIP	10µF	10%	25V
C8007	1-164-360-11	CERAMIC CHIP	0.1µF		16V
C8008	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C8009	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C8010	1-127-931-21	ELECT CHIP	470µF	20%	16V
C8011	1-127-931-21	ELECT CHIP	470µF	20%	16V
C8012	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C8018	1-165-908-11	CERAMIC CHIP	1µF	10%	10V
C8019	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C8021	1-165-908-11	CERAMIC CHIP	1µF	10%	10V
C8045	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C8046	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C8048	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C8049	1-164-505-11	CERAMIC CHIP	2.2µF		16V
C8050	1-164-505-11	CERAMIC CHIP	2.2µF		16V
C8051	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C8061	1-109-982-11	CERAMIC CHIP	1µF	10%	10V
C8062	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C8063	1-165-908-11	CERAMIC CHIP	1µF	10%	10V
C8064	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C8065	1-162-913-11	CERAMIC CHIP	8pF	0.50pF	50V
C8066	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C8067	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C8068	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C8069	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C8070	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C8071	1-164-505-11	CERAMIC CHIP	2.2µF		16V
C8072	1-164-505-11	CERAMIC CHIP	2.2µF		16V
C8073	1-117-720-11	CERAMIC CHIP	4.7µF		10V
C8074	1-164-505-11	CERAMIC CHIP	2.2µF		16V
C8075	1-164-505-11	CERAMIC CHIP	2.2µF		16V
C8076	1-117-720-11	CERAMIC CHIP	4.7µF		10V
C8077	1-127-931-21	ELECT CHIP	470µF	20%	16V
C8078	1-127-931-21	ELECT CHIP	470µF	20%	16V
C8079	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C8080	1-124-779-00	ELECT CHIP	10µF	20%	16V
C8081	1-124-779-00	ELECT CHIP	10µF	20%	16V
C8082	1-162-968-11	CERAMIC CHIP	0.0047µF	10%	50V
C8083	1-162-968-11	CERAMIC CHIP	0.0047µF	10%	50V
C8084	1-165-908-11	CERAMIC CHIP	1µF	10%	10V
C8085	1-165-908-11	CERAMIC CHIP	1µF	10%	10V
C8086	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C8087	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C8088	1-165-908-11	CERAMIC CHIP	1µF	10%	10V
C8089	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C8090	1-165-908-11	CERAMIC CHIP	1µF	10%	10V
C8091	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C8098	1-127-931-21	ELECT CHIP	470µF	20%	16V
C8099	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C8100	1-117-720-11	CERAMIC CHIP	4.7µF		10V
C8101	1-127-931-21	ELECT CHIP	470µF	20%	16V
C8107	1-162-915-11	CERAMIC CHIP	10pF	0.50pF	50V
C8109	1-125-779-21	CERAMIC CHIP	0.022µF	5%	25V
C8110	1-125-779-21	CERAMIC CHIP	0.022µF	5%	25V
C8111	1-127-715-91	CERAMIC CHIP	0.22µF	10%	16V
C8112	1-126-401-21	ELECT CHIP	1µF	20%	50V
C8113	1-126-394-11	ELECT CHIP	10µF	20%	16V
C8114	1-126-394-11	ELECT CHIP	10µF	20%	16V
C8115	1-128-934-91	CERAMIC CHIP	0.33µF	20%	10V
C8116	1-126-401-21	ELECT CHIP	1µF	20%	50V
C8117	1-126-401-21	ELECT CHIP	1µF	20%	50V
C8118	1-126-394-11	ELECT CHIP	10µF	20%	16V
C8119	1-126-401-21	ELECT CHIP	1µF	20%	50V
C8120	1-126-401-21	ELECT CHIP	1µF	20%	50V
C8121	1-126-401-21	ELECT CHIP	1µF	20%	50V
C8122	1-126-401-21	ELECT CHIP	1µF	20%	50V
C8123	1-126-401-21	ELECT CHIP	1µF	20%	50V
C8124	1-126-401-21	ELECT CHIP	1µF	20%	50V
C8125	1-126-401-21	ELECT CHIP	1µF	20%	50V
C8126	1-126-394-11	ELECT CHIP	10µF	20%	16V
C8127	1-126-394-11	ELECT CHIP	10µF	20%	16V
C8128	1-126-401-21	ELECT CHIP	1µF	20%	50V
C8129	1-127-715-91	CERAMIC CHIP	0.22µF	10%	16V

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REF. NO.	PART NO.	DESCRIPTION	VALUES		
C8130	1-125-779-21	CERAMIC CHIP	0.022µF	5%	25V
C8131	1-125-779-21	CERAMIC CHIP	0.022µF	5%	25V
C8132	1-162-965-11	CERAMIC CHIP	0.0015µF	10%	50V
C8133	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C8134	1-163-989-11	CERAMIC CHIP	0.033µF	10%	25V
C8135	1-127-715-91	CERAMIC CHIP	0.22µF	10%	16V
C8136	1-162-968-11	CERAMIC CHIP	0.0047µF	10%	50V
C8137	1-127-715-91	CERAMIC CHIP	0.22µF	10%	16V
C8138	1-162-968-11	CERAMIC CHIP	0.0047µF	10%	50V
C8139	1-165-176-11	CERAMIC CHIP	0.047µF	10%	16V
C8140	1-165-176-11	CERAMIC CHIP	0.047µF	10%	16V
C8141	1-125-779-21	CERAMIC CHIP	0.022µF	5%	25V
C8142	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C8143	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C8144	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C8145	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C8146	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C8147	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C8148	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C8149	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C8150	1-126-401-21	ELECT CHIP	1µF	20%	50V
C8151	1-165-112-11	CERAMIC CHIP	0.33µF		16V
C8152	1-164-345-11	CERAMIC CHIP	0.082µF	10%	25V
C8153	1-164-345-11	CERAMIC CHIP	0.082µF	10%	25V
C8154	1-124-779-00	ELECT CHIP	10µF	20%	16V
C8155	1-124-779-00	ELECT CHIP	10µF	20%	16V
C8156	1-162-965-11	CERAMIC CHIP	0.0015µF	10%	50V
C8157	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C8158	1-163-989-11	CERAMIC CHIP	0.033µF	10%	25V
C8159	1-165-176-11	CERAMIC CHIP	0.047µF	10%	16V
C8160	1-165-176-11	CERAMIC CHIP	0.047µF	10%	16V
C8161	1-162-970-11	CERAMIC CHIP	0.01µF	5%	25V
C8162	1-162-968-11	CERAMIC CHIP	0.0047µF	10%	50V
C8163	1-162-968-11	CERAMIC CHIP	0.0047µF	10%	50V
C8164	1-128-536-11	ELECT CHIP	100µF	20%	25V
C8165	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C8166	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C8167	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C8168	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C8169	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V

REF. NO.	PART NO.	DESCRIPTION	VALUES		
C8200	1-127-715-91	CERAMIC CHIP	0.22µF	10%	16V
C8201	1-128-996-11	ELECT CHIP	4.7µF	20%	50V
C8202	1-117-681-11	ELECT CHIP	100µF	20%	16V
C8203	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C8204	1-124-779-00	ELECT CHIP	10µF	20%	16V
C8205	1-164-360-11	CERAMIC CHIP	0.1µF		16V
C8206	1-117-681-11	ELECT CHIP	100µF	20%	16V
C8207	1-164-230-11	CERAMIC CHIP	220pF	5%	50V
C8208	1-164-230-11	CERAMIC CHIP	220pF	5%	50V
C8209	1-127-573-11	CERAMIC CHIP	1µF	10%	16V
C8210	1-127-573-11	CERAMIC CHIP	1µF	10%	16V
C8531	1-128-357-11	ELECT CHIP	10µF	20%	16V
C8532	1-128-357-11	ELECT CHIP	10µF	20%	16V
C8544	1-117-681-11	ELECT CHIP	100µF	20%	16V
C8545	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C8548	1-127-931-21	ELECT CHIP	470µF	20%	16V
C8550	1-165-908-11	CERAMIC CHIP	1µF	10%	10V
C8551	1-165-908-11	CERAMIC CHIP	1µF	10%	10V
C8559	1-127-931-21	ELECT CHIP	470µF	20%	16V
C8560	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C8589	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C8593	1-117-681-11	ELECT CHIP	100µF	20%	16V
C8609	1-128-357-11	ELECT CHIP	10µF	20%	16V
C8610	1-128-357-11	ELECT CHIP	10µF	20%	16V

CONNECTOR

*	CN8001	1-691-616-21	CONNECTOR, BOARD TO BOARD	15P
*	CN8002	1-580-974-11	CONNECTOR, BOARD TO BOARD	
*	CN8003	1-818-749-11	PIN, CONNECTOR 16P	
	CN8006	1-793-419-11	CONNECTOR, BOARD TO BOARD	4P
*	CN8008	1-785-532-11	PIN, CONNECTOR (PC BOARD)	14P
	CN8041	1-695-915-11	TAB (CONTACT)	

DIODE

D8006	8-719-977-28	DIODE	DTZ10B
D8007	8-719-977-28	DIODE	DTZ10B
D8008	8-719-977-28	DIODE	DTZ10B
D8009	8-719-977-28	DIODE	DTZ10B
D8010	8-719-977-28	DIODE	DTZ10B

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	REF. NO.	PART NO.	DESCRIPTION	VALUES
	D8011	8-719-977-28	DIODE	DTZ10B
	D8200	8-719-041-97	DIODE	MA113-(TX)
	D8201	8-719-081-97	DIODE	MMDL914T1
	D8202	8-719-041-97	DIODE	MA113-(TX)
	D8203	8-719-977-28	DIODE	DTZ10B
	D8204	8-719-000-07	DIODE	MC2836
	D8205	8-719-000-08	DIODE	MC2838
		FERRITE BEAD		
	FB8003	1-414-228-11	FERRITE	0µH
		IC		
	IC8001	8-753-232-63	IC	CXA2229Q-T6
	IC8200	8-759-669-46	IC	LM358PWR-12
	IC8502	8-752-107-98	IC	CXA2188Q-T4
	IC8504	6-706-456-01	IC	NJW1169FH1
	IC8505	8-759-669-46	IC	LM358PWR-12
		JACK		
*	J8002	1-818-708-11	JACK, PIN	6P
*	J8004	1-818-709-11	PHONO JACK	6P
		CHIP CONDUCTOR		
	JR8003	1-216-864-11	SHORT CHIP	
	JR8004	1-216-864-11	SHORT CHIP	
	JR8005	1-216-864-11	SHORT CHIP	
	JR8006	1-216-864-11	SHORT CHIP	
	JR8009	1-216-864-11	SHORT CHIP	
	JR8010	1-216-864-11	SHORT CHIP	
	JR8012	1-216-864-11	SHORT CHIP	
	JR8013	1-216-864-11	SHORT CHIP	
	JR8015	1-216-864-11	SHORT CHIP	
	JR8016	1-216-864-11	SHORT CHIP	
	JR8017	1-216-864-11	SHORT CHIP	
	JR8018	1-216-864-11	SHORT CHIP	
	JR8019	1-216-864-11	SHORT CHIP	
	JR8020	1-216-864-11	SHORT CHIP	
	JR8021	1-216-864-11	SHORT CHIP	
	JR8022	1-216-864-11	SHORT CHIP	
	JR8023	1-216-864-11	SHORT CHIP	
	JR8024	1-216-864-11	SHORT CHIP	
	JR8025	1-216-864-11	SHORT CHIP	
	JR8026	1-216-864-11	SHORT CHIP	
	JR8027	1-216-864-11	SHORT CHIP	
	JR8028	1-216-864-11	SHORT CHIP	
		COIL		
	L8002	1-400-397-11	INDUCTOR	10µH
	L8003	1-469-555-21	INDUCTOR	10µH
	L8010	1-414-856-11	INDUCTOR	10µH
	L8011	1-414-856-11	INDUCTOR	10µH
	L8015	1-400-397-11	INDUCTOR	10µH
	L8016	1-400-397-11	INDUCTOR	10µH
	L8017	1-414-856-11	INDUCTOR	10µH
	L8502	1-400-397-11	INDUCTOR	10µH
	L8503	1-400-397-11	INDUCTOR	10µH
*	LP8001	4-042-408-02	PIN(45), WIRE	
		TRANSISTOR		
	Q8010	8-729-600-22	TRANSISTOR	2SA1235-F
	Q8013	8-729-120-28	TRANSISTOR	2SC1623-L5L6
	Q8015	8-729-122-63	TRANSISTOR	2SA1226-E4
	Q8017	8-729-122-63	TRANSISTOR	2SA1226-E4
	Q8022	8-729-122-63	TRANSISTOR	2SA1226-E4
	Q8024	8-729-600-22	TRANSISTOR	2SA1235-F
	Q8026	8-729-120-28	TRANSISTOR	2SC1623-L5L6
	Q8028	8-729-600-22	TRANSISTOR	2SA1235-F
	Q8031	8-729-600-22	TRANSISTOR	2SA1235-F
	Q8032	8-729-120-28	TRANSISTOR	2SC1623-L5L6
	Q8033	8-729-120-28	TRANSISTOR	2SC1623-L5L6
	Q8034	8-729-120-28	TRANSISTOR	2SC1623-L5L6
	Q8100	8-729-044-58	TRANSISTOR	SI2304DS-T1
	Q8102	8-729-120-28	TRANSISTOR	2SC1623-L5L6
	Q8200	8-729-600-22	TRANSISTOR	2SA1235-F
	Q8201	8-729-120-28	TRANSISTOR	2SC1623-L5L6
	Q8202	8-729-120-28	TRANSISTOR	2SC1623-L5L6
	Q8203	8-729-600-22	TRANSISTOR	2SA1235-F
	Q8204	8-729-120-28	TRANSISTOR	2SC1623-L5L6
	Q8501	8-729-120-28	TRANSISTOR	2SC1623-L5L6
	Q8502	8-729-120-28	TRANSISTOR	2SC1623-L5L6

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RESISTOR

REF. NO.	PART NO.	DESCRIPTION	VALUES		
R8004	1-216-853-11	METAL CHIP	470K	5%	1/10W
R8005	1-216-853-11	METAL CHIP	470K	5%	1/10W
R8006	1-216-864-11	SHORT CHIP			
R8007	1-216-864-11	SHORT CHIP			
R8008	1-216-864-11	SHORT CHIP			
R8009	1-216-853-11	METAL CHIP	470K	5%	1/10W
R8010	1-216-853-11	METAL CHIP	470K	5%	1/10W
R8013	1-216-821-11	METAL CHIP	1K	5%	1/10W
R8014	1-216-821-11	METAL CHIP	1K	5%	1/10W
R8015	1-216-821-11	METAL CHIP	1K	5%	1/10W
R8016	1-216-821-11	METAL CHIP	1K	5%	1/10W
R8017	1-216-821-11	METAL CHIP	1K	5%	1/10W
R8018	1-216-821-11	METAL CHIP	1K	5%	1/10W
R8019	1-216-864-11	SHORT CHIP			
R8020	1-216-864-11	SHORT CHIP			
R8021	1-216-853-11	METAL CHIP	470K	5%	1/10W
R8022	1-216-853-11	METAL CHIP	470K	5%	1/10W
R8023	1-216-821-11	METAL CHIP	1K	5%	1/10W
R8024	1-216-821-11	METAL CHIP	1K	5%	1/10W
R8025	1-216-833-11	METAL CHIP	10K	5%	1/10W
R8026	1-216-833-11	METAL CHIP	10K	5%	1/10W
R8027	1-216-821-11	METAL CHIP	1K	5%	1/10W
R8028	1-216-821-11	METAL CHIP	1K	5%	1/10W
R8034	1-216-808-11	METAL CHIP	82	5%	1/10W
R8035	1-216-807-11	METAL CHIP	68	5%	1/10W
R8036	1-216-809-11	METAL CHIP	100	5%	1/10W
R8037	1-216-809-11	METAL CHIP	100	5%	1/10W
R8041	1-218-665-11	METAL CHIP	75	0.50%	1/10W
R8042	1-218-665-11	METAL CHIP	75	0.50%	1/10W
R8043	1-216-809-11	METAL CHIP	100	5%	1/10W
R8044	1-216-821-11	METAL CHIP	1K	5%	1/10W
R8046	1-218-665-11	METAL CHIP	75	0.50%	1/10W
R8048	1-216-845-11	METAL CHIP	100K	5%	1/10W
R8049	1-216-864-11	SHORT CHIP			
R8050	1-216-864-11	SHORT CHIP			
R8051	1-216-821-11	METAL CHIP	1K	5%	1/10W
R8052	1-216-864-11	SHORT CHIP			
R8053	1-216-821-11	METAL CHIP	1K	5%	1/10W
R8054	1-216-811-11	METAL CHIP	150	5%	1/10W
R8055	1-216-817-11	METAL CHIP	470	5%	1/10W
R8056	1-218-700-11	METAL CHIP	2.2K	0.50%	1/10W
R8057	1-218-698-11	METAL CHIP	1.8K	0.50%	1/10W
R8058	1-216-833-11	METAL CHIP	10K	5%	1/10W
R8059	1-216-821-11	METAL CHIP	1K	5%	1/10W
R8063	1-218-668-11	METAL CHIP	100	0.50%	1/10W
R8064	1-218-668-11	METAL CHIP	100	0.50%	1/10W
R8066	1-218-668-11	METAL CHIP	100	0.50%	1/10W
R8068	1-216-821-11	METAL CHIP	1K	5%	1/10W
R8069	1-216-833-11	METAL CHIP	10K	5%	1/10W
R8071	1-216-809-11	METAL CHIP	100	5%	1/10W
R8072	1-216-857-11	METAL CHIP	1M	5%	1/10W
R8073	1-216-857-11	METAL CHIP	1M	5%	1/10W
R8074	1-218-889-11	METAL CHIP	56K	0.50%	1/10W
R8075	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R8076	1-216-821-11	METAL CHIP	1K	5%	1/10W
R8077	1-216-813-11	METAL CHIP	220	5%	1/10W
R8078	1-216-801-11	METAL CHIP	22	5%	1/10W
R8079	1-216-801-11	METAL CHIP	22	5%	1/10W
R8082	1-216-833-11	METAL CHIP	10K	5%	1/10W
R8084	1-216-857-11	METAL CHIP	1M	5%	1/10W
R8085	1-216-809-11	METAL CHIP	100	5%	1/10W
R8086	1-216-809-11	METAL CHIP	100	5%	1/10W
R8087	1-216-809-11	METAL CHIP	100	5%	1/10W
R8088	1-216-809-11	METAL CHIP	100	5%	1/10W
R8091	1-216-821-11	METAL CHIP	1K	5%	1/10W
R8092	1-216-809-11	METAL CHIP	100	5%	1/10W
R8093	1-216-809-11	METAL CHIP	100	5%	1/10W
R8094	1-216-809-11	METAL CHIP	100	5%	1/10W
R8095	1-216-833-11	METAL CHIP	10K	5%	1/10W
R8097	1-216-809-11	METAL CHIP	100	5%	1/10W
R8098	1-216-809-11	METAL CHIP	100	5%	1/10W
R8099	1-216-809-11	METAL CHIP	100	5%	1/10W
R8100	1-216-809-11	METAL CHIP	100	5%	1/10W
R8101	1-216-809-11	METAL CHIP	100	5%	1/10W
R8103	1-216-809-11	METAL CHIP	100	5%	1/10W
R8105	1-216-809-11	METAL CHIP	100	5%	1/10W
R8106	1-216-809-11	METAL CHIP	100	5%	1/10W
R8107	1-216-809-11	METAL CHIP	100	5%	1/10W
R8108	1-216-809-11	METAL CHIP	100	5%	1/10W
R8109	1-216-809-11	METAL CHIP	100	5%	1/10W

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REF. NO.	PART NO.	DESCRIPTION	VALUES		
R8110	1-216-809-11	METAL CHIP	100	5%	1/10W
R8115	1-216-809-11	METAL CHIP	100	5%	1/10W
R8117	1-216-861-11	METAL CHIP	2.2M	5%	1/10W
R8118	1-216-861-11	METAL CHIP	2.2M	5%	1/10W
R8125	1-216-864-11	SHORT CHIP			
R8126	1-216-838-11	METAL CHIP	27K	5%	1/10W
R8127	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R8128	1-216-864-11	SHORT CHIP			
R8129	1-216-809-11	METAL CHIP	100	5%	1/10W
R8130	1-216-809-11	METAL CHIP	100	5%	1/10W
R8132	1-216-833-11	METAL CHIP	10K	5%	1/10W
R8133	1-216-864-11	SHORT CHIP			
R8134	1-216-864-11	SHORT CHIP			
R8135	1-216-838-11	METAL CHIP	27K	5%	1/10W
R8136	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R8137	1-216-853-11	METAL CHIP	470K	5%	1/10W
R8138	1-216-837-11	METAL CHIP	22K	5%	1/10W
R8139	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R8140	1-216-834-11	METAL CHIP	12K	5%	1/10W
R8142	1-216-842-11	METAL CHIP	56K	5%	1/10W
R8143	1-216-830-11	METAL CHIP	5.6K	5%	1/10W
R8144	1-218-678-11	METAL CHIP	270	0.50%	1/10W
R8145	1-218-678-11	METAL CHIP	270	0.50%	1/10W
R8146	1-218-678-11	METAL CHIP	270	0.50%	1/10W
R8147	1-218-678-11	METAL CHIP	270	0.50%	1/10W
R8148	1-218-678-11	METAL CHIP	270	0.50%	1/10W
R8149	1-218-678-11	METAL CHIP	270	0.50%	1/10W
R8150	1-216-836-11	METAL CHIP	18K	5%	1/10W
R8151	1-216-843-11	METAL CHIP	68K	5%	1/10W
R8152	1-216-832-11	METAL CHIP	8.2K	5%	1/10W
R8153	1-216-838-11	METAL CHIP	27K	5%	1/10W
R8154	1-218-741-11	METAL CHIP	110K	0.50%	1/10W
R8155	1-216-853-11	METAL CHIP	470K	5%	1/10W
R8156	1-216-833-11	METAL CHIP	10K	5%	1/10W
R8158	1-216-833-11	METAL CHIP	10K	5%	1/10W
R8159	1-216-833-11	METAL CHIP	10K	5%	1/10W
R8200	1-216-864-11	SHORT CHIP			
R8201	1-216-833-11	METAL CHIP	10K	5%	1/10W
R8202	1-216-864-11	SHORT CHIP			
R8203	1-216-836-11	METAL CHIP	18K	5%	1/10W

REF. NO.	PART NO.	DESCRIPTION	VALUES		
R8204	1-216-838-11	METAL CHIP	27K	5%	1/10W
R8205	1-216-841-11	METAL CHIP	47K	5%	1/10W
R8206	1-216-864-11	SHORT CHIP			
R8207	1-216-837-11	METAL CHIP	22K	5%	1/10W
R8208	1-216-857-11	METAL CHIP	1M	5%	1/10W
R8209	1-216-830-11	METAL CHIP	5.6K	5%	1/10W
R8210	1-218-867-11	METAL CHIP	6.8K	0.50%	1/10W
R8211	1-216-821-11	METAL CHIP	1K	5%	1/10W
R8212	1-216-837-11	METAL CHIP	22K	5%	1/10W
R8213	1-216-837-11	METAL CHIP	22K	5%	1/10W
R8214	1-216-828-11	METAL CHIP	3.9K	5%	1/10W
R8215	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R8216	1-216-828-11	METAL CHIP	3.9K	5%	1/10W
R8217	1-216-809-11	METAL CHIP	100	5%	1/10W
R8218	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R8219	1-216-809-11	METAL CHIP	100	5%	1/10W
R8252	1-216-864-11	SHORT CHIP			
R8254	1-218-676-11	METAL CHIP	220	0.50%	1/10W
R8255	1-218-676-11	METAL CHIP	220	0.50%	1/10W
R8256	1-218-676-11	METAL CHIP	220	0.50%	1/10W
R8257	1-218-676-11	METAL CHIP	220	0.50%	1/10W
R8258	1-218-676-11	METAL CHIP	220	0.50%	1/10W
R8259	1-218-676-11	METAL CHIP	220	0.50%	1/10W
R8260	1-218-676-11	METAL CHIP	220	0.50%	1/10W
R8261	1-218-676-11	METAL CHIP	220	0.50%	1/10W
R8262	1-218-676-11	METAL CHIP	220	0.50%	1/10W
R8263	1-218-676-11	METAL CHIP	220	0.50%	1/10W
R8264	1-218-676-11	METAL CHIP	220	0.50%	1/10W
R8265	1-218-676-11	METAL CHIP	220	0.50%	1/10W
R8269	1-216-809-11	METAL CHIP	100	5%	1/10W
R8275	1-216-803-11	METAL CHIP	33	5%	1/10W
R8276	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R8283	1-216-833-11	METAL CHIP	10K	5%	1/10W
R8284	1-216-833-11	METAL CHIP	10K	5%	1/10W
R8285	1-216-833-11	METAL CHIP	10K	5%	1/10W
R8286	1-216-833-11	METAL CHIP	10K	5%	1/10W
R8287	1-216-841-11	METAL CHIP	47K	5%	1/10W
R8288	1-216-841-11	METAL CHIP	47K	5%	1/10W
R8333	1-216-864-11	SHORT CHIP			
R8334	1-216-864-11	SHORT CHIP			

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REF. NO.	PART NO.	DESCRIPTION	VALUES		
R8515	1-216-864-11	SHORT CHIP			
R8516	1-216-864-11	SHORT CHIP			
R8530	1-216-809-11	METAL CHIP	100	5%	1/10W
R8531	1-216-809-11	METAL CHIP	100	5%	1/10W
R8532	1-216-801-11	METAL CHIP	22	5%	1/10W
R8533	1-216-801-11	METAL CHIP	22	5%	1/10W
R8543	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R8544	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R8545	1-216-823-11	METAL CHIP	1.5K	5%	1/10W
R8547	1-216-823-11	METAL CHIP	1.5K	5%	1/10W
R8548	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R8550	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R8556	1-216-821-11	METAL CHIP	1K	5%	1/10W
R8558	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R8560	1-216-821-11	METAL CHIP	1K	5%	1/10W
R8561	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R8562	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R8563	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R8564	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R8565	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R8566	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R8567	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R8579	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R8580	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R8582	1-216-826-11	METAL CHIP	2.7K	5%	1/10W
R8583	1-216-864-11	SHORT CHIP			
R8584	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R8585	1-216-826-11	METAL CHIP	2.7K	5%	1/10W
R8587	1-216-838-11	METAL CHIP	27K	5%	1/10W
R8588	1-216-843-11	METAL CHIP	68K	5%	1/10W
R8589	1-216-864-11	SHORT CHIP			
R8591	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R8592	1-216-864-11	SHORT CHIP			
R8593	1-216-838-11	METAL CHIP	27K	5%	1/10W
R8594	1-216-843-11	METAL CHIP	68K	5%	1/10W
R8615	1-216-864-11	SHORT CHIP			

VARISTOR

VD8006	1-803-974-21	VARISTOR, CHIP	(1608)
VD8007	1-803-974-21	VARISTOR, CHIP	(1608)
VD8011	1-803-974-21	VARISTOR, CHIP	(1608)
VD8012	1-803-974-21	VARISTOR, CHIP	(1608)
VD8013	1-803-974-21	VARISTOR, CHIP	(1608)
VD8014	1-803-974-21	VARISTOR, CHIP	(1608)
VD8015	1-803-974-21	VARISTOR, CHIP	(1608)
VD8016	1-803-974-21	VARISTOR, CHIP	(1608)
VD8017	1-803-974-21	VARISTOR, CHIP	(1608)
VD8018	1-803-974-21	VARISTOR, CHIP	(1608)
VD8019	1-803-974-21	VARISTOR, CHIP	(1608)
VD8020	1-803-974-21	VARISTOR, CHIP	(1608)
VD8021	1-803-974-21	VARISTOR, CHIP	(1608)
VD8022	1-803-974-21	VARISTOR, CHIP	(1608)
VD8023	1-803-974-21	VARISTOR, CHIP	(1608)
VD8024	1-803-974-21	VARISTOR, CHIP	(1608)

CRYSTAL

X8001	1-781-282-11	VIBRATOR, CERAMIC

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*	**A-1109-404-A**	**B1 BOARD, COMPLETE**
	7-682-947-01	SCREW +PSW 3X6

CAPACITOR

C3000	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3001	1-128-994-21	ELECT CHIP	47µF	20%	10V
C3002	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3003	1-128-994-21	ELECT CHIP	47µF	20%	10V
C3004	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3005	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3006	1-126-205-11	ELECT CHIP	47µF	20%	6.3V
C3007	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3008	1-126-205-11	ELECT CHIP	47µF	20%	6.3V
C3009	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3010	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3011	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3012	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3013	1-128-993-21	ELECT CHIP	22µF	20%	10V
C3014	1-137-710-11	CERAMIC CHIP	10µF	20%	6.3V
C3015	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3020	1-127-715-91	CERAMIC CHIP	0.22µF	10%	16V
C3021	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3022	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3025	1-127-715-91	CERAMIC CHIP	0.22µF	10%	16V

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REF. NO.	PART NO.	DESCRIPTION	VALUES		
C3026	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3027	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3030	1-127-715-91	CERAMIC CHIP	0.22µF	10%	16V
C3031	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3032	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3033	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3034	1-162-926-11	CERAMIC CHIP	82pF	5%	50V
C3035	1-117-681-11	ELECT CHIP	100µF	20%	16V
C3036	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3037	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3038	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C3039	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3040	1-162-916-11	CERAMIC CHIP	12pF	5%	50V
C3041	1-162-916-11	CERAMIC CHIP	12pF	5%	50V
C3042	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3043	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C3044	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3045	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3046	1-162-918-11	CERAMIC CHIP	18pF	5%	50V
C3047	1-162-917-11	CERAMIC CHIP	15pF	5%	50V
C3050	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3052	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3053	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3056	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3057	1-165-908-11	CERAMIC CHIP	1µF	10%	10V
C3059	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3060	1-128-993-21	ELECT CHIP	22µF	20%	10V
C3061	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3062	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3063	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3064	1-126-206-11	ELECT CHIP	100µF	20%	6.3V
C3065	1-117-681-11	ELECT CHIP	100µF	20%	16V
C3066	1-117-681-11	ELECT CHIP	100µF	20%	16V
C3067	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3068	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3069	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3077	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3078	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3200	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3201	1-126-206-11	ELECT CHIP	100µF	20%	6.3V
C3202	1-126-206-11	ELECT CHIP	100µF	20%	6.3V
C3203	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3204	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3205	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3206	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3207	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3209	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3210	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3211	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3212	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3213	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3214	1-137-710-11	CERAMIC CHIP	10µF	20%	6.3V
C3215	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3216	1-165-908-11	CERAMIC CHIP	1µF	10%	10V
C3217	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3218	1-137-710-11	CERAMIC CHIP	10µF	20%	6.3V
C3219	1-165-908-11	CERAMIC CHIP	1µF	10%	10V
C3220	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3221	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3222	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3223	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3224	1-124-779-00	ELECT CHIP	10µF	20%	16V
C3225	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3226	1-126-206-11	ELECT CHIP	100µF	20%	6.3V
C3227	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3228	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3229	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3230	1-126-206-11	ELECT CHIP	100µF	20%	6.3V
C3231	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3232	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3233	1-165-908-11	CERAMIC CHIP	1µF	10%	10V
C3234	1-126-206-11	ELECT CHIP	100µF	20%	6.3V
C3235	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3236	1-137-710-11	CERAMIC CHIP	10µF	20%	6.3V
C3237	1-137-710-11	CERAMIC CHIP	10µF	20%	6.3V
C3238	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3239	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3240	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3241	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3242	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V

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REF. NO.	PART NO.	DESCRIPTION	VALUES		
C3243	1-126-205-11	ELECT CHIP	47µF	20%	6.3V
C3246	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3247	1-126-206-11	ELECT CHIP	100µF	20%	6.3V
C3248	1-126-206-11	ELECT CHIP	100µF	20%	6.3V
C3249	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3250	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3251	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3252	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3253	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3255	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3256	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3257	1-126-205-11	ELECT CHIP	47µF	20%	6.3V
C3258	1-165-908-11	CERAMIC CHIP	1µF	10%	10V
C3259	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3260	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3261	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3263	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3264	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3265	1-165-908-11	CERAMIC CHIP	1µF	10%	10V
C3266	1-162-968-11	CERAMIC CHIP	0.0047µF	10%	50V
C3269	1-117-681-11	ELECT CHIP	100µF	20%	16V
C3271	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3272	1-128-993-21	ELECT CHIP	22µF	20%	10V
C3273	1-128-993-21	ELECT CHIP	22µF	20%	10V
C3274	1-128-993-21	ELECT CHIP	22µF	20%	10V
C3277	1-126-206-11	ELECT CHIP	100µF	20%	6.3V
C3280	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3281	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3282	1-165-908-11	CERAMIC CHIP	1µF	10%	10V
C3283	1-165-908-11	CERAMIC CHIP	1µF	10%	10V
C3284	1-165-908-11	CERAMIC CHIP	1µF	10%	10V
C3285	1-165-908-11	CERAMIC CHIP	1µF	10%	10V
C3286	1-165-908-11	CERAMIC CHIP	1µF	10%	10V
C3287	1-165-908-11	CERAMIC CHIP	1µF	10%	10V
C3288	1-165-908-11	CERAMIC CHIP	1µF	10%	10V
C3289	1-124-779-00	ELECT CHIP	10µF	20%	16V
C3290	1-124-779-00	ELECT CHIP	10µF	20%	16V
C3291	1-124-779-00	ELECT CHIP	10µF	20%	16V
C3292	1-124-779-00	ELECT CHIP	10µF	20%	16V
C3293	1-124-779-00	ELECT CHIP	10µF	20%	16V
C3294	1-124-779-00	ELECT CHIP	10µF	20%	16V
C3295	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3296	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3297	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3298	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3299	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3300	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3301	1-126-206-11	ELECT CHIP	100µF	20%	6.3V
C3302	1-126-206-11	ELECT CHIP	100µF	20%	6.3V
C3304	1-126-206-11	ELECT CHIP	100µF	20%	6.3V
C3306	1-126-206-11	ELECT CHIP	100µF	20%	6.3V
C3307	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3309	1-126-206-11	ELECT CHIP	100µF	20%	6.3V
C3311	1-126-206-11	ELECT CHIP	100µF	20%	6.3V
C3312	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3313	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3314	1-162-917-11	CERAMIC CHIP	15pF	5%	50V
C3315	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C3316	1-162-917-11	CERAMIC CHIP	15pF	5%	50V
C3317	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C3319	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3320	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3321	1-126-206-11	ELECT CHIP	100µF	20%	6.3V
C3322	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3326	1-162-924-11	CERAMIC CHIP	56pF	5%	50V
C3401	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3402	1-126-205-11	ELECT CHIP	47µF	20%	6.3V
C3403	1-164-230-11	CERAMIC CHIP	220pF	5%	50V
C3404	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3405	1-164-230-11	CERAMIC CHIP	220pF	5%	50V
C3406	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3407	1-100-507-91	CERAMIC CHIP	4.7µF	20%	6.3V
C3408	1-100-507-91	CERAMIC CHIP	4.7µF	20%	6.3V
C3409	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3410	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3411	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3412	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3413	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3414	1-126-205-11	ELECT CHIP	47µF	20%	6.3V
C3415	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V

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REF. NO.	PART NO.	DESCRIPTION	VALUES		
C3416	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3417	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3418	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3421	1-126-205-11	ELECT CHIP	47µF	20%	6.3V
C3424	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3425	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3426	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3427	1-126-206-11	ELECT CHIP	100µF	20%	6.3V
C3428	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3429	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3430	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3431	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3432	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3433	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3434	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3435	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3436	1-100-507-91	CERAMIC CHIP	4.7µF	20%	6.3V
C3437	1-137-710-11	CERAMIC CHIP	10µF	20%	6.3V
C3438	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3439	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3440	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3441	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3442	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3443	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3444	1-137-710-11	CERAMIC CHIP	10µF	20%	6.3V
C3445	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3446	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3447	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3448	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3449	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3450	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3451	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3452	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3453	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3454	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3455	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3456	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3457	1-126-206-11	ELECT CHIP	100µF	20%	6.3V
C3458	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3459	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V

REF. NO.	PART NO.	DESCRIPTION	VALUES		
C3460	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3464	1-125-837-91	CERAMIC CHIP	1µF	10%	6.3V
C3465	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3466	1-100-507-91	CERAMIC CHIP	4.7µF	20%	6.3V
C3467	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3468	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3469	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3470	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3471	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3473	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3474	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3475	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3476	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3477	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3478	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3479	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3480	1-100-507-91	CERAMIC CHIP	4.7µF	20%	6.3V
C3481	1-100-507-91	CERAMIC CHIP	4.7µF	20%	6.3V
C3482	1-162-917-11	CERAMIC CHIP	15pF	5%	50V
C3483	1-162-917-11	CERAMIC CHIP	15pF	5%	50V
C3484	1-137-710-11	CERAMIC CHIP	10µF	20%	6.3V
C3485	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3486	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3487	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3488	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3489	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3490	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3491	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3492	1-126-206-11	ELECT CHIP	100µF	20%	6.3V
C3493	1-162-916-11	CERAMIC CHIP	12pF	5%	50V
C3500	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3501	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3502	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3503	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3504	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3505	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3506	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3507	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3508	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3509	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V

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REF. NO.	PART NO.	DESCRIPTION	VALUES		
C3510	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3511	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3512	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3513	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3514	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3515	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3516	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3517	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3518	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3519	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3520	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3521	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3522	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3523	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3524	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3525	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3526	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3527	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3528	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3529	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3530	1-126-205-11	ELECT CHIP	47µF	20%	6.3V
C3531	1-126-205-11	ELECT CHIP	47µF	20%	6.3V
C3537	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3538	1-137-710-11	CERAMIC CHIP	10µF	20%	6.3V
C3539	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3540	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3541	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C3542	1-137-710-11	CERAMIC CHIP	10µF	20%	6.3V
C3543	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3544	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C3545	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3546	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3547	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3548	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3549	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C3550	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3551	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3552	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3553	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3554	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3555	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3556	1-137-710-11	CERAMIC CHIP	10µF	20%	6.3V
C3557	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C3558	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3559	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3560	1-137-710-11	CERAMIC CHIP	10µF	20%	6.3V
C3561	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C3562	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3563	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3564	1-137-710-11	CERAMIC CHIP	10µF	20%	6.3V
C3565	1-137-710-11	CERAMIC CHIP	10µF	20%	6.3V
C3566	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3567	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3568	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C3569	1-162-968-11	CERAMIC CHIP	0.0047µF	10%	50V
C3570	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3571	1-126-206-11	ELECT CHIP	100µF	20%	6.3V
C3572	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3573	1-126-206-11	ELECT CHIP	100µF	20%	6.3V
C3600	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3601	1-126-206-11	ELECT CHIP	100µF	20%	6.3V
C3603	1-126-394-11	ELECT CHIP	10µF	20%	16V
C3604	1-126-394-11	ELECT CHIP	10µF	20%	16V
C3607	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3608	1-128-993-21	ELECT CHIP	22µF	20%	10V
C3609	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3610	1-128-993-21	ELECT CHIP	22µF	20%	10V
C3611	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3612	1-126-394-11	ELECT CHIP	10µF	20%	16V
C3613	1-100-152-91	CERAMIC CHIP	100pF	5%	100V
C3614	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3615	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C3616	1-126-394-11	ELECT CHIP	10µF	20%	16V
C3617	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C3618	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3619	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3620	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C3621	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C3622	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C3623	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V

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REF. NO.	PART NO.	DESCRIPTION	VALUES		
C3624	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C3625	1-126-394-11	ELECT CHIP	10µF	20%	16V
C3626	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3627	1-100-152-91	CERAMIC CHIP	100pF	5%	100V
C3628	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C3629	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C3630	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C3631	1-162-915-11	CERAMIC CHIP	10pF	0.50pF	50V
C3632	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C3633	1-162-915-11	CERAMIC CHIP	10pF	0.50pF	50V
C3634	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C3635	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C3636	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C3637	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C3638	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C3639	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C3640	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3641	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3642	1-126-394-11	ELECT CHIP	10µF	20%	16V
C3643	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3644	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3645	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C3646	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C3647	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C3648	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C3649	1-126-394-11	ELECT CHIP	10µF	20%	16V
C3650	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C3651	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3652	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3653	1-126-394-11	ELECT CHIP	10µF	20%	16V
C3654	1-126-394-11	ELECT CHIP	10µF	20%	16V
C3655	1-162-966-11	CERAMIC CHIP	0.0022µF	10%	50V
C3656	1-126-394-11	ELECT CHIP	10µF	20%	16V
C3657	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3658	1-162-966-11	CERAMIC CHIP	0.0022µF	10%	50V
C3659	1-164-230-11	CERAMIC CHIP	220pF	5%	50V
C3660	1-126-394-11	ELECT CHIP	10µF	20%	16V
C3661	1-162-966-11	CERAMIC CHIP	0.0022µF	10%	50V
C3662	1-162-966-11	CERAMIC CHIP	0.0022µF	10%	50V
C3663	1-162-966-11	CERAMIC CHIP	0.0022µF	10%	50V
C3664	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3665	1-164-230-11	CERAMIC CHIP	220pF	5%	50V
C3666	1-162-966-11	CERAMIC CHIP	0.0022µF	10%	50V
C3667	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C3668	1-126-394-11	ELECT CHIP	10µF	20%	16V
C3669	1-164-505-11	CERAMIC CHIP	2.2µF		16V
C3670	1-162-916-11	CERAMIC CHIP	12pF	5%	50V
C3671	1-162-916-11	CERAMIC CHIP	12pF	5%	50V
C3672	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C3674	1-126-394-11	ELECT CHIP	10µF	20%	16V
C3675	1-126-394-11	ELECT CHIP	10µF	20%	16V
C3676	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V

CONNECTOR

*	CN3000	1-691-551-11	PIN, CONNECTOR (SMD)	8P
	CN3004	1-794-087-11	CONNECTOR, BOARD TO BOARD	19P
	CN3500	1-818-973-11	CONNECTOR (RECEPTACLE)	17P
	CN3501	1-818-973-11	CONNECTOR (RECEPTACLE)	17P
	CN3600	1-818-812-12	HDMI CONNECTOR	

DIODE

D3003	8-719-000-07	DIODE	MC2836
D3004	8-719-000-08	DIODE	MC2838
D3005	8-719-000-07	DIODE	MC2836
D3006	8-719-000-08	DIODE	MC2838
D3007	8-719-081-97	DIODE	MMDL914T1
D3008	8-719-069-55	DIODE	UDZSTE-175.6B
D3601	8-719-977-28	DIODE	DTZ10B
D3602	8-719-977-28	DIODE	DTZ10B
D3603	8-719-404-50	DIODE	MA111-TX
D3604	8-719-404-50	DIODE	MA111-TX
D3605	6-500-137-01	DIODE	BAT54HT1

FERRITE BEAD

FB3400	1-400-180-21	INDUCTOR	0µH
FB3401	1-400-180-21	INDUCTOR	0µH
FB3600	1-414-235-22	FERRITE	0µH
FB3601	1-414-235-22	FERRITE	0µH
FB3602	1-414-235-22	FERRITE	0µH

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REF. NO.	PART NO.	DESCRIPTION	VALUES
FB3603	1-414-235-22	FERRITE	0µH
FB3604	1-414-235-22	FERRITE	0µH
FB3605	1-414-235-22	FERRITE	0µH
FB3606	1-414-235-22	FERRITE	0µH
FB3607	1-414-229-11	FERRITE	0µH
FB3608	1-414-229-11	FERRITE	0µH
	FILTER		
FL3000	1-234-177-21	FERRITE	0µH
FL3001	1-234-177-21	FERRITE	0µH
FL3002	1-234-177-21	FERRITE	0µH
FL3200	1-234-177-21	FERRITE	0µH
FL3201	1-234-177-21	FERRITE	0µH
FL3202	1-234-177-21	FERRITE	0µH
FL3203	1-234-560-21	FILTER, LOW PASS	
FL3204	1-234-560-21	FILTER, LOW PASS	
FL3205	1-234-177-21	FERRITE	0µH
FL3206	1-234-177-21	FERRITE	0µH
FL3400	1-234-177-21	FERRITE	0µH
FL3500	1-234-177-21	FERRITE	0µH
FL3600	1-234-177-21	FERRITE	0µH
FL3605	1-234-177-21	FERRITE	0µH
	IC		
IC3000	6-707-669-01	IC	NJU7223DL1-18
IC3001	8-759-695-94	IC	TAR5S33(TE85R)
IC3002	6-805-773-01	IC	MB91316APMC-G-115E1
IC3003	6-801-402-01	IC	BD4729GTR
IC3004	6-801-402-01	IC	BD4729GTR
IC3005	6-704-067-01	IC	M24128-BWMN6T(A)
IC3201	8-759-581-11	IC	NJM2125F(TE2)
IC3202	8-753-236-03	IC	CXD3807AGB
IC3203	6-705-403-01	IC	PQ070XZ01ZPH
IC3204	6-706-873-01	IC	MT48LC4M16A2P-75:G
IC3205	8-759-680-92	IC	MAX4018EEE-TG068
IC3206	6-701-680-01	IC	PST3629NR
IC3208	6-706-892-01	IC	SM5302AS-G-ET
IC3209	6-706-892-01	IC	SM5302AS-G-ET
IC3306	6-707-044-01	IC	CYISM560BSXT
IC3400	6-705-403-01	IC	PQ070XZ01ZPH
IC3401	8-753-229-46	IC	CXD3808AQ
IC3402	8-759-833-72	IC	NJM2870F25-TE2
IC3403	8-759-833-72	IC	NJM2870F25-TE2
IC3404	6-705-983-01	IC	IS42S32200B-6TL-TR
IC3500	6-702-973-01	IC	CXD9690Q
IC3502	6-704-519-01	IC	THC63LVD103
IC3503	8-759-677-29	IC	TC74LVX125FT(EL)
IC3504	6-704-632-01	IC	THC63LVD104A
IC3505	6-701-680-01	IC	PST3629NR
IC3506	6-705-403-01	IC	PQ070XZ01ZPH
IC3600	6-705-403-01	IC	PQ070XZ01ZPH
IC3602	6-704-001-01	IC	BR24L02F-WE2
IC3603	6-550-014-01	TRANSISTOR	SSM6N15FU(TE85R)
IC3604	6-708-170-01	IC	SII9011CLU
IC3605	6-704-819-01	IC	CS4335-KSZR
IC3606	8-759-331-71	IC	NJM4558E(TE2)
IC3607	6-805-696-01	IC	MB95116PMT-G-104-BNDE1
IC3608	6-703-042-01	IC	CD4052BNSR
IC3609	6-801-402-01	IC	BD4729GTR
IC3610	6-501-243-01	DIODE	CM1214-01SO
IC3611	6-501-243-01	DIODE	CM1214-01SO
IC3612	6-501-244-01	DIODE	CM1214-02MR
IC3613	6-501-244-01	DIODE	CM1214-02MR
IC3614	6-501-244-01	DIODE	CM1214-02MR
	JACK		
J3600	1-816-459-11	JACK, PIN	2P
	COIL		
L3000	1-469-555-21	INDUCTOR	10µH
L3001	1-469-555-21	INDUCTOR	10µH
L3002	1-469-555-21	INDUCTOR	10µH
L3003	1-469-555-21	INDUCTOR	10µH
L3004	1-469-555-21	INDUCTOR	10µH
L3005	1-469-555-21	INDUCTOR	10µH
L3200	1-469-549-21	INDUCTOR	1µH
L3201	1-469-549-21	INDUCTOR	1µH
L3202	1-469-549-21	INDUCTOR	1µH
L3203	1-469-549-21	INDUCTOR	1µH

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REF. NO.	PART NO.	DESCRIPTION	VALUES
L3204	1-469-549-21	INDUCTOR	1µH
L3205	1-469-549-21	INDUCTOR	1µH
L3206	1-469-549-21	INDUCTOR	1µH
L3207	1-469-549-21	INDUCTOR	1µH
L3208	1-469-549-21	INDUCTOR	1µH
L3209	1-469-549-21	INDUCTOR	1µH
L3210	1-469-555-21	INDUCTOR	10µH
L3211	1-469-549-21	INDUCTOR	1µH
L3212	1-412-029-11	INDUCTOR	10µH
L3213	1-412-029-11	INDUCTOR	10µH
L3214	1-469-549-21	INDUCTOR	1µH
L3215	1-469-555-21	INDUCTOR	10µH
L3400	1-469-555-21	INDUCTOR	10µH
L3401	1-469-555-21	INDUCTOR	10µH
L3402	1-469-549-21	INDUCTOR	1µH
L3403	1-412-026-11	INDUCTOR	1µH
L3404	1-469-549-21	INDUCTOR	1µH
L3406	1-469-549-21	INDUCTOR	1µH
L3407	1-469-555-21	INDUCTOR	10µH
L3408	1-469-555-21	INDUCTOR	10µH
L3409	1-469-549-21	INDUCTOR	1µH
L3500	1-469-555-21	INDUCTOR	10µH
L3502	1-412-029-11	INDUCTOR	10µH
L3504	1-469-549-21	INDUCTOR	1µH
L3506	1-469-555-21	INDUCTOR	10µH
L3507	1-469-555-21	INDUCTOR	10µH
L3508	1-469-555-21	INDUCTOR	10µH
L3509	1-469-555-21	INDUCTOR	10µH
L3600	1-469-549-21	INDUCTOR	1µH

TRANSISTOR

Q3000	8-729-120-28	TRANSISTOR	2SC1623-L5L6
Q3001	8-729-600-22	TRANSISTOR	2SA1235-F
Q3002	8-729-600-22	TRANSISTOR	2SA1235-F
Q3005	8-729-028-28	TRANSISTOR	2SK2036(TE85L)
Q3007	8-729-120-28	TRANSISTOR	2SC1623-L5L6
Q3009	8-729-028-28	TRANSISTOR	2SK2036(TE85L)
Q3010	8-729-120-28	TRANSISTOR	2SC1623-L5L6
Q3011	8-729-600-22	TRANSISTOR	2SA1235-F
Q3012	8-729-120-28	TRANSISTOR	2SC1623-L5L6
Q3013	8-729-600-22	TRANSISTOR	2SA1235-F
Q3014	8-729-120-28	TRANSISTOR	2SC1623-L5L6
Q3015	8-729-120-28	TRANSISTOR	2SC1623-L5L6
Q3016	8-729-120-28	TRANSISTOR	2SC1623-L5L6
Q3017	8-729-120-28	TRANSISTOR	2SC1623-L5L6
Q3201	8-729-120-28	TRANSISTOR	2SC1623-L5L6
Q3202	8-729-122-63	TRANSISTOR	2SA1226-E4
Q3203	8-729-122-63	TRANSISTOR	2SA1226-E4
Q3204	8-729-122-63	TRANSISTOR	2SA1226-E4
Q3205	8-729-122-63	TRANSISTOR	2SA1226-E4
Q3207	8-729-122-63	TRANSISTOR	2SA1226-E4
Q3208	8-729-122-63	TRANSISTOR	2SA1226-E4
Q3209	8-729-122-63	TRANSISTOR	2SA1226-E4
Q3210	6-550-304-01	TRANSISTOR	2SC5477-T122-1
Q3211	6-550-304-01	TRANSISTOR	2SC5477-T122-1
Q3212	6-550-304-01	TRANSISTOR	2SC5477-T122-1
Q3213	6-550-304-01	TRANSISTOR	2SC5477-T122-1
Q3214	6-550-304-01	TRANSISTOR	2SC5477-T122-1
Q3215	8-729-122-63	TRANSISTOR	2SA1226-E4
Q3216	8-729-122-63	TRANSISTOR	2SA1226-E4
Q3217	8-729-122-63	TRANSISTOR	2SA1226-E4
Q3218	8-729-122-63	TRANSISTOR	2SA1226-E4
Q3219	6-550-304-01	TRANSISTOR	2SC5477-T122-1
Q3220	6-550-304-01	TRANSISTOR	2SC5477-T122-1
Q3221	6-550-304-01	TRANSISTOR	2SC5477-T122-1
Q3222	8-729-122-63	TRANSISTOR	2SA1226-E4
Q3223	6-550-304-01	TRANSISTOR	2SC5477-T122-1
Q3224	8-729-122-63	TRANSISTOR	2SA1226-E4
Q3600	8-729-120-28	TRANSISTOR	2SC1623-L5L6
Q3601	8-729-120-28	TRANSISTOR	2SC1623-L5L6
Q3602	8-729-120-28	TRANSISTOR	2SC1623-L5L6
Q3603	8-729-120-28	TRANSISTOR	2SC1623-L5L6
Q3604	8-729-120-28	TRANSISTOR	2SC1623-L5L6
Q3605	8-729-120-28	TRANSISTOR	2SC1623-L5L6
Q3606	8-729-120-28	TRANSISTOR	2SC1623-L5L6
Q3607	8-729-120-28	TRANSISTOR	2SC1623-L5L6
Q3608	8-729-120-28	TRANSISTOR	2SC1623-L5L6
Q3609	8-729-120-28	TRANSISTOR	2SC1623-L5L6

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RESISTOR

REF. NO.	PART NO.	DESCRIPTION	VALUES		
R3002	1-216-853-11	METAL CHIP	470K	5%	1/10W
R3003	1-216-841-11	METAL CHIP	47K	5%	1/10W
R3006	1-216-809-11	METAL CHIP	100	5%	1/10W
R3007	1-218-668-11	METAL CHIP	100	0.50%	1/10W
R3011	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3012	1-216-801-11	METAL CHIP	22	5%	1/10W
R3021	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3022	1-216-821-11	METAL CHIP	1K	5%	1/10W
R3024	1-216-809-11	METAL CHIP	100	5%	1/10W
R3025	1-216-809-11	METAL CHIP	100	5%	1/10W
R3028	1-216-823-11	METAL CHIP	1.5K	5%	1/10W
R3029	1-216-805-11	METAL CHIP	47	5%	1/10W
R3031	1-216-805-11	METAL CHIP	47	5%	1/10W
R3032	1-216-809-11	METAL CHIP	100	5%	1/10W
R3033	1-216-809-11	METAL CHIP	100	5%	1/10W
R3034	1-216-805-11	METAL CHIP	47	5%	1/10W
R3035	1-216-845-11	METAL CHIP	100K	5%	1/10W
R3036	1-216-841-11	METAL CHIP	47K	5%	1/10W
R3038	1-216-809-11	METAL CHIP	100	5%	1/10W
R3039	1-216-809-11	METAL CHIP	100	5%	1/10W
R3040	1-216-864-11	SHORT CHIP			
R3041	1-216-805-11	METAL CHIP	47	5%	1/10W
R3042	1-216-809-11	METAL CHIP	100	5%	1/10W
R3044	1-100-152-91	CERAMIC CHIP	100pF	5%	100V
R3045	1-216-809-11	METAL CHIP	100	5%	1/10W
R3047	1-216-864-11	SHORT CHIP			
R3048	1-218-289-11	METAL CHIP	510	5%	1/10W
R3049	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R3050	1-216-821-11	METAL CHIP	1K	5%	1/10W
R3051	1-216-809-11	METAL CHIP	100	5%	1/10W
R3052	1-100-152-91	CERAMIC CHIP	100pF	5%	100V
R3054	1-216-864-11	SHORT CHIP			
R3055	1-218-289-11	METAL CHIP	510	5%	1/10W
R3056	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R3057	1-216-821-11	METAL CHIP	1K	5%	1/10W
R3058	1-216-821-11	METAL CHIP	1K	5%	1/10W
R3059	1-100-152-91	CERAMIC CHIP	100pF	5%	100V
R3060	1-216-821-11	METAL CHIP	1K	5%	1/10W
R3062	1-216-864-11	SHORT CHIP			
R3063	1-218-289-11	METAL CHIP	510	5%	1/10W
R3064	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R3065	1-216-821-11	METAL CHIP	1K	5%	1/10W
R3066	1-216-857-11	METAL CHIP	1M	5%	1/10W
R3067	1-216-805-11	METAL CHIP	47	5%	1/10W
R3068	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R3069	1-216-805-11	METAL CHIP	47	5%	1/10W
R3070	1-216-835-11	METAL CHIP	15K	5%	1/10W
R3071	1-216-797-11	METAL CHIP	10	5%	1/10W
R3072	1-216-842-11	METAL CHIP	56K	5%	1/10W
R3073	1-216-797-11	METAL CHIP	10	5%	1/10W
R3074	1-216-797-11	METAL CHIP	10	5%	1/10W
R3075	1-216-797-11	METAL CHIP	10	5%	1/10W
R3076	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R3077	1-216-797-11	METAL CHIP	10	5%	1/10W
R3078	1-216-797-11	METAL CHIP	10	5%	1/10W
R3079	1-216-864-11	SHORT CHIP			
R3080	1-216-809-11	METAL CHIP	100	5%	1/10W
R3081	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R3082	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3085	1-216-864-11	SHORT CHIP			
R3086	1-216-805-11	METAL CHIP	47	5%	1/10W
R3087	1-216-805-11	METAL CHIP	47	5%	1/10W
R3089	1-216-864-11	SHORT CHIP			
R3090	1-216-805-11	METAL CHIP	47	5%	1/10W
R3091	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R3092	1-216-821-11	METAL CHIP	1K	5%	1/10W
R3094	1-216-850-11	METAL CHIP	270K	5%	1/10W
R3095	1-216-821-11	METAL CHIP	1K	5%	1/10W
R3097	1-219-570-11	METAL CHIP	10M	5%	1/10W
R3098	1-216-809-11	METAL CHIP	100	5%	1/10W
R3102	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3104	1-216-809-11	METAL CHIP	100	5%	1/10W
R3105	1-216-809-11	METAL CHIP	100	5%	1/10W
R3106	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3108	1-216-805-11	METAL CHIP	47	5%	1/10W
R3110	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3111	1-216-809-11	METAL CHIP	100	5%	1/10W
R3112	1-216-809-11	METAL CHIP	100	5%	1/10W
R3113	1-216-805-11	METAL CHIP	47	5%	1/10W
R3114	1-216-809-11	METAL CHIP	100	5%	1/10W

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REF. NO.	PART NO.	DESCRIPTION	VALUES		
R3115	1-216-809-11	METAL CHIP	100	5%	1/10W
R3116	1-216-809-11	METAL CHIP	100	5%	1/10W
R3117	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3119	1-216-809-11	METAL CHIP	100	5%	1/10W
R3120	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3121	1-216-809-11	METAL CHIP	100	5%	1/10W
R3122	1-216-805-11	METAL CHIP	47	5%	1/10W
R3123	1-216-805-11	METAL CHIP	47	5%	1/10W
R3125	1-216-805-11	METAL CHIP	47	5%	1/10W
R3126	1-216-805-11	METAL CHIP	47	5%	1/10W
R3127	1-216-805-11	METAL CHIP	47	5%	1/10W
R3128	1-216-805-11	METAL CHIP	47	5%	1/10W
R3129	1-216-805-11	METAL CHIP	47	5%	1/10W
R3130	1-216-805-11	METAL CHIP	47	5%	1/10W
R3131	1-216-809-11	METAL CHIP	100	5%	1/10W
R3132	1-216-805-11	METAL CHIP	47	5%	1/10W
R3133	1-216-805-11	METAL CHIP	47	5%	1/10W
R3134	1-216-809-11	METAL CHIP	100	5%	1/10W
R3135	1-216-801-11	METAL CHIP	22	5%	1/10W
R3136	1-216-861-11	METAL CHIP	2.2M	5%	1/10W
R3137	1-216-805-11	METAL CHIP	47	5%	1/10W
R3138	1-216-805-11	METAL CHIP	47	5%	1/10W
R3139	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3140	1-216-805-11	METAL CHIP	47	5%	1/10W
R3141	1-216-817-11	METAL CHIP	470	5%	1/10W
R3142	1-216-805-11	METAL CHIP	47	5%	1/10W
R3143	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3145	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3146	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3147	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3150	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3151	1-216-841-11	METAL CHIP	47K	5%	1/10W
R3152	1-216-817-11	METAL CHIP	470	5%	1/10W
R3153	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R3154	1-216-864-11	SHORT CHIP			
R3155	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3156	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R3157	1-216-864-11	SHORT CHIP			
R3158	1-216-837-11	METAL CHIP	22K	5%	1/10W
R3159	1-216-864-11	SHORT CHIP			
R3160	1-216-864-11	SHORT CHIP			
R3161	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3162	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3163	1-216-837-11	METAL CHIP	22K	5%	1/10W
R3164	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3165	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3166	1-216-839-11	METAL CHIP	33K	5%	1/10W
R3167	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3168	1-216-824-11	METAL CHIP	1.8K	5%	1/10W
R3169	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3170	1-216-824-11	METAL CHIP	1.8K	5%	1/10W
R3171	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3173	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3174	1-216-837-11	METAL CHIP	22K	5%	1/10W
R3175	1-216-864-11	SHORT CHIP			
R3176	1-216-841-11	METAL CHIP	47K	5%	1/10W
R3177	1-216-864-11	SHORT CHIP			
R3178	1-216-864-11	SHORT CHIP			
R3179	1-216-841-11	METAL CHIP	47K	5%	1/10W
R3180	1-216-845-11	METAL CHIP	100K	5%	1/10W
R3181	1-216-809-11	METAL CHIP	100	5%	1/10W
R3182	1-216-296-11	SHORT CHIP			
R3183	1-216-296-11	SHORT CHIP			
R3184	1-216-296-11	SHORT CHIP			
R3185	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3186	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3189	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R3190	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R3191	1-216-809-11	METAL CHIP	100	5%	1/10W
R3192	1-216-864-11	SHORT CHIP			
R3193	1-216-864-11	SHORT CHIP			
R3194	1-216-864-11	SHORT CHIP			
R3195	1-216-864-11	SHORT CHIP			
R3205	1-216-826-11	METAL CHIP	2.7K	5%	1/10W
R3206	1-216-864-11	SHORT CHIP			
R3207	1-218-692-11	METAL CHIP	1K	0.50%	1/10W
R3208	1-218-709-11	METAL CHIP	5.1K	0.50%	1/10W
R3209	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3210	1-216-864-11	SHORT CHIP			
R3213	1-216-864-11	SHORT CHIP			

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REF. NO.	PART NO.	DESCRIPTION	VALUES		
R3214	1-216-864-11	SHORT CHIP			
R3215	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3217	1-216-864-11	SHORT CHIP			
R3218	1-216-797-11	METAL CHIP	10	5%	1/10W
R3219	1-216-797-11	METAL CHIP	10	5%	1/10W
R3220	1-216-797-11	METAL CHIP	10	5%	1/10W
R3221	1-216-801-11	METAL CHIP	22	5%	1/10W
R3222	1-216-864-11	SHORT CHIP			
R3223	1-216-826-11	METAL CHIP	2.7K	5%	1/10W
R3224	1-218-708-11	METAL CHIP	4.7K	0.50%	1/10W
R3225	1-218-676-11	METAL CHIP	220	0.50%	1/10W
R3226	1-218-708-11	METAL CHIP	4.7K	0.50%	1/10W
R3228	1-216-805-11	METAL CHIP	47	5%	1/10W
R3229	1-216-805-11	METAL CHIP	47	5%	1/10W
R3230	1-216-864-11	SHORT CHIP			
R3231	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3232	1-216-864-11	SHORT CHIP			
R3233	1-216-805-11	METAL CHIP	47	5%	1/10W
R3234	1-216-805-11	METAL CHIP	47	5%	1/10W
R3235	1-216-805-11	METAL CHIP	47	5%	1/10W
R3236	1-216-864-11	SHORT CHIP			
R3237	1-216-864-11	SHORT CHIP			
R3238	1-216-864-11	SHORT CHIP			
R3239	1-216-864-11	SHORT CHIP			
R3240	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3241	1-216-864-11	SHORT CHIP			
R3242	1-216-864-11	SHORT CHIP			
R3243	1-216-864-11	SHORT CHIP			
R3244	1-216-864-11	SHORT CHIP			
R3245	1-218-708-11	METAL CHIP	4.7K	0.50%	1/10W
R3247	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3248	1-218-658-11	METAL CHIP	39	0.50%	1/10W
R3249	1-216-797-11	METAL CHIP	10	5%	1/10W
R3250	1-218-676-11	METAL CHIP	220	0.50%	1/10W
R3251	1-218-708-11	METAL CHIP	4.7K	0.50%	1/10W
R3260	1-218-692-11	METAL CHIP	1K	0.50%	1/10W
R3261	1-218-684-11	METAL CHIP	470	0.50%	1/10W
R3263	1-216-811-11	METAL CHIP	150	5%	1/10W
R3264	1-216-811-11	METAL CHIP	150	5%	1/10W
R3265	1-216-815-11	METAL CHIP	330	5%	1/10W
R3266	1-216-815-11	METAL CHIP	330	5%	1/10W
R3267	1-218-675-11	METAL CHIP	200	0.50%	1/10W
R3268	1-218-675-11	METAL CHIP	200	0.50%	1/10W
R3269	1-216-809-11	METAL CHIP	100	5%	1/10W
R3270	1-218-675-11	METAL CHIP	200	0.50%	1/10W
R3271	1-218-675-11	METAL CHIP	200	0.50%	1/10W
R3272	1-216-821-11	METAL CHIP	1K	5%	1/10W
R3273	1-216-821-11	METAL CHIP	1K	5%	1/10W
R3274	1-216-864-11	SHORT CHIP			
R3275	1-216-864-11	SHORT CHIP			
R3277	1-216-797-11	METAL CHIP	10	5%	1/10W
R3279	1-218-694-11	METAL CHIP	1.2K	0.50%	1/10W
R3280	1-216-864-11	SHORT CHIP			
R3283	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3284	1-218-688-11	METAL CHIP	680	0.50%	1/10W
R3285	1-218-698-11	METAL CHIP	1.8K	0.50%	1/10W
R3286	1-216-864-11	SHORT CHIP			
R3288	1-216-839-11	METAL CHIP	33K	5%	1/10W
R3291	1-218-698-11	METAL CHIP	1.8K	0.50%	1/10W
R3292	1-216-864-11	SHORT CHIP			
R3293	1-218-688-11	METAL CHIP	680	0.50%	1/10W
R3294	1-218-694-11	METAL CHIP	1.2K	0.50%	1/10W
R3298	1-216-805-11	METAL CHIP	47	5%	1/10W
R3299	1-216-805-11	METAL CHIP	47	5%	1/10W
R3300	1-216-823-11	METAL CHIP	1.5K	5%	1/10W
R3303	1-216-864-11	SHORT CHIP			
R3304	1-218-656-11	METAL CHIP	33	0.50%	1/10W
R3305	1-218-696-11	METAL CHIP	1.5K	0.50%	1/10W
R3308	1-216-805-11	METAL CHIP	47	5%	1/10W
R3309	1-218-676-11	METAL CHIP	220	0.50%	1/10W
R3311	1-218-680-11	METAL CHIP	330	0.50%	1/10W
R3312	1-218-692-11	METAL CHIP	1K	0.50%	1/10W
R3313	1-216-805-11	METAL CHIP	47	5%	1/10W
R3314	1-216-805-11	METAL CHIP	47	5%	1/10W
R3315	1-216-805-11	METAL CHIP	47	5%	1/10W
R3316	1-216-805-11	METAL CHIP	47	5%	1/10W
R3317	1-216-805-11	METAL CHIP	47	5%	1/10W
R3318	1-218-682-11	METAL CHIP	390	0.50%	1/10W
R3319	1-218-684-11	METAL CHIP	470	0.50%	1/10W
R3320	1-218-682-11	METAL CHIP	390	0.50%	1/10W

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REF. NO.	PART NO.	DESCRIPTION	VALUES		
R3321	1-218-684-11	METAL CHIP	470	0.50%	1/10W
R3322	1-218-692-11	METAL CHIP	1K	0.50%	1/10W
R3323	1-218-668-11	METAL CHIP	100	0.50%	1/10W
R3324	1-218-692-11	METAL CHIP	1K	0.50%	1/10W
R3325	1-218-668-11	METAL CHIP	100	0.50%	1/10W
R3326	1-218-682-11	METAL CHIP	390	0.50%	1/10W
R3327	1-218-664-11	METAL CHIP	68	0.50%	1/10W
R3329	1-218-684-11	METAL CHIP	470	0.50%	1/10W
R3331	1-218-684-11	METAL CHIP	470	0.50%	1/10W
R3332	1-218-688-11	METAL CHIP	680	0.50%	1/10W
R3333	1-218-688-11	METAL CHIP	680	0.50%	1/10W
R3334	1-218-688-11	METAL CHIP	680	0.50%	1/10W
R3335	1-218-688-11	METAL CHIP	680	0.50%	1/10W
R3337	1-218-666-11	METAL CHIP	82	0.50%	1/10W
R3338	1-216-797-11	METAL CHIP	10	5%	1/10W
R3339	1-216-797-11	METAL CHIP	10	5%	1/10W
R3340	1-216-797-11	METAL CHIP	10	5%	1/10W
R3341	1-216-797-11	METAL CHIP	10	5%	1/10W
R3342	1-216-797-11	METAL CHIP	10	5%	1/10W
R3343	1-216-821-11	METAL CHIP	1K	5%	1/10W
R3344	1-216-821-11	METAL CHIP	1K	5%	1/10W
R3345	1-216-821-11	METAL CHIP	1K	5%	1/10W
R3346	1-216-821-11	METAL CHIP	1K	5%	1/10W
R3347	1-216-817-11	METAL CHIP	470	5%	1/10W
R3348	1-216-864-11	SHORT CHIP			
R3349	1-216-864-11	SHORT CHIP			
R3350	1-216-797-11	METAL CHIP	10	5%	1/10W
R3351	1-216-797-11	METAL CHIP	10	5%	1/10W
R3352	1-218-698-11	METAL CHIP	1.8K	0.50%	1/10W
R3354	1-216-797-11	METAL CHIP	10	5%	1/10W
R3355	1-216-797-11	METAL CHIP	10	5%	1/10W
R3356	1-218-698-11	METAL CHIP	1.8K	0.50%	1/10W
R3365	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R3366	1-216-823-11	METAL CHIP	1.5K	5%	1/10W
R3367	1-216-809-11	METAL CHIP	100	5%	1/10W
R3368	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R3369	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R3370	1-216-809-11	METAL CHIP	100	5%	1/10W
R3371	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R3372	1-216-825-11	METAL CHIP	2.2K	5%	1/10W

REF. NO.	PART NO.	DESCRIPTION	VALUES		
R3374	1-216-864-11	SHORT CHIP			
R3375	1-216-817-11	METAL CHIP	470	5%	1/10W
R3376	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R3378	1-218-867-11	METAL CHIP	6.8K	0.50%	1/10W
R3379	1-216-864-11	SHORT CHIP			
R3382	1-216-805-11	METAL CHIP	47	5%	1/10W
R3383	1-216-817-11	METAL CHIP	470	5%	1/10W
R3384	1-216-817-11	METAL CHIP	470	5%	1/10W
R3385	1-216-817-11	METAL CHIP	470	5%	1/10W
R3386	1-216-813-11	METAL CHIP	220	5%	1/10W
R3387	1-216-864-11	SHORT CHIP			
R3390	1-216-864-11	SHORT CHIP			
R3391	1-216-864-11	SHORT CHIP			
R3400	1-218-847-11	METAL CHIP	1K	0.50%	1/10W
R3401	1-218-684-11	METAL CHIP	470	0.50%	1/10W
R3403	1-216-809-11	METAL CHIP	100	5%	1/10W
R3404	1-216-809-11	METAL CHIP	100	5%	1/10W
R3405	1-216-837-11	METAL CHIP	22K	5%	1/10W
R3406	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3407	1-216-864-11	SHORT CHIP			
R3409	1-216-864-11	SHORT CHIP			
R3411	1-216-805-11	METAL CHIP	47	5%	1/10W
R3412	1-216-864-11	SHORT CHIP			
R3413	1-216-864-11	SHORT CHIP			
R3414	1-216-809-11	METAL CHIP	100	5%	1/10W
R3416	1-216-864-11	SHORT CHIP			
R3417	1-216-864-11	SHORT CHIP			
R3418	1-218-854-11	METAL CHIP	2K	0.50%	1/10W
R3419	1-216-803-11	METAL CHIP	33	5%	1/10W
R3420	1-216-803-11	METAL CHIP	33	5%	1/10W
R3421	1-216-803-11	METAL CHIP	33	5%	1/10W
R3422	1-218-849-11	METAL CHIP	1.2K	0.50%	1/10W
R3423	1-218-859-11	METAL CHIP	3.3K	0.50%	1/10W
R3424	1-216-864-11	SHORT CHIP			
R3425	1-216-864-11	SHORT CHIP			
R3427	1-218-829-11	METAL CHIP	180	0.50%	1/10W
R3428	1-216-811-11	METAL CHIP	150	5%	1/10W
R3429	1-216-811-11	METAL CHIP	150	5%	1/10W
R3430	1-216-811-11	METAL CHIP	150	5%	1/10W
R3431	1-216-851-11	METAL CHIP	330K	5%	1/10W

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REF. NO.	PART NO.	DESCRIPTION	VALUES		
R3432	1-216-813-11	METAL CHIP	220	5%	1/10W
R3500	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3501	1-216-801-11	METAL CHIP	22	5%	1/10W
R3503	1-216-821-11	METAL CHIP	1K	5%	1/10W
R3506	1-216-864-11	SHORT CHIP			
R3507	1-216-801-11	METAL CHIP	22	5%	1/10W
R3508	1-216-801-11	METAL CHIP	22	5%	1/10W
R3516	1-216-805-11	METAL CHIP	47	5%	1/10W
R3517	1-216-805-11	METAL CHIP	47	5%	1/10W
R3518	1-216-805-11	METAL CHIP	47	5%	1/10W
R3519	1-216-805-11	METAL CHIP	47	5%	1/10W
R3521	1-216-805-11	METAL CHIP	47	5%	1/10W
R3522	1-216-803-11	METAL CHIP	33	5%	1/10W
R3526	1-216-801-11	METAL CHIP	22	5%	1/10W
R3530	1-216-864-11	SHORT CHIP			
R3531	1-216-809-11	METAL CHIP	100	5%	1/10W
R3532	1-216-864-11	SHORT CHIP			
R3533	1-216-801-11	METAL CHIP	22	5%	1/10W
R3534	1-216-801-11	METAL CHIP	22	5%	1/10W
R3535	1-216-864-11	SHORT CHIP			
R3537	1-216-801-11	METAL CHIP	22	5%	1/10W
R3538	1-216-809-11	METAL CHIP	100	5%	1/10W
R3539	1-216-801-11	METAL CHIP	22	5%	1/10W
R3540	1-216-864-11	SHORT CHIP			
R3541	1-216-845-11	METAL CHIP	100K	5%	1/10W
R3542	1-216-809-11	METAL CHIP	100	5%	1/10W
R3543	1-216-809-11	METAL CHIP	100	5%	1/10W
R3544	1-216-845-11	METAL CHIP	100K	5%	1/10W
R3546	1-216-801-11	METAL CHIP	22	5%	1/10W
R3547	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3548	1-216-864-11	SHORT CHIP			
R3549	1-216-864-11	SHORT CHIP			
R3550	1-216-864-11	SHORT CHIP			
R3551	1-218-668-11	METAL CHIP	100	0.50%	1/10W
R3552	1-218-668-11	METAL CHIP	100	0.50%	1/10W
R3553	1-218-668-11	METAL CHIP	100	0.50%	1/10W
R3554	1-218-668-11	METAL CHIP	100	0.50%	1/10W
R3555	1-218-668-11	METAL CHIP	100	0.50%	1/10W
R3556	1-218-668-11	METAL CHIP	100	0.50%	1/10W
R3559	1-218-692-11	METAL CHIP	1K	0.50%	1/10W
R3560	1-218-692-11	METAL CHIP	1K	0.50%	1/10W
R3562	1-216-864-11	SHORT CHIP			
R3563	1-216-864-11	SHORT CHIP			
R3564	1-216-864-11	SHORT CHIP			
R3565	1-216-864-11	SHORT CHIP			
R3566	1-216-864-11	SHORT CHIP			
R3600	1-216-845-11	METAL CHIP	100K	5%	1/10W
R3601	1-218-644-11	METAL CHIP	10	0.50%	1/10W
R3602	1-216-845-11	METAL CHIP	100K	5%	1/10W
R3603	1-216-821-11	METAL CHIP	1K	5%	1/10W
R3605	1-218-692-11	METAL CHIP	1K	0.50%	1/10W
R3606	1-218-684-11	METAL CHIP	470	0.50%	1/10W
R3609	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3610	1-216-864-11	SHORT CHIP			
R3612	1-216-809-11	METAL CHIP	100	5%	1/10W
R3613	1-218-706-11	METAL CHIP	3.9K	0.50%	1/10W
R3614	1-216-809-11	METAL CHIP	100	5%	1/10W
R3615	1-216-809-11	METAL CHIP	100	5%	1/10W
R3616	1-218-706-11	METAL CHIP	3.9K	0.50%	1/10W
R3617	1-216-864-11	SHORT CHIP			
R3618	1-218-706-11	METAL CHIP	3.9K	0.50%	1/10W
R3619	1-218-706-11	METAL CHIP	3.9K	0.50%	1/10W
R3622	1-216-864-11	SHORT CHIP			
R3623	1-216-864-11	SHORT CHIP			
R3624	1-216-864-11	SHORT CHIP			
R3625	1-218-706-11	METAL CHIP	3.9K	0.50%	1/10W
R3626	1-216-864-11	SHORT CHIP			
R3627	1-216-857-11	METAL CHIP	1M	5%	1/10W
R3628	1-216-803-11	METAL CHIP	33	5%	1/10W
R3629	1-216-809-11	METAL CHIP	100	5%	1/10W
R3630	1-216-809-11	METAL CHIP	100	5%	1/10W
R3631	1-216-809-11	METAL CHIP	100	5%	1/10W
R3632	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3633	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R3634	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R3635	1-216-850-11	METAL CHIP	270K	5%	1/10W
R3636	1-216-821-11	METAL CHIP	1K	5%	1/10W
R3637	1-216-821-11	METAL CHIP	1K	5%	1/10W
R3638	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3639	1-216-809-11	METAL CHIP	100	5%	1/10W

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REF. NO.	PART NO.	DESCRIPTION	VALUES		
R3640	1-216-821-11	METAL CHIP	1K	5%	1/10W
R3643	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R3645	1-216-809-11	METAL CHIP	100	5%	1/10W
R3646	1-216-809-11	METAL CHIP	100	5%	1/10W
R3647	1-216-809-11	METAL CHIP	100	5%	1/10W
R3649	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3650	1-218-694-11	METAL CHIP	1.2K	0.50%	1/10W
R3651	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3652	1-218-716-11	METAL CHIP	10K	0.50%	1/10W
R3653	1-216-850-11	METAL CHIP	270K	5%	1/10W
R3654	1-216-845-11	METAL CHIP	100K	5%	1/10W
R3655	1-216-821-11	METAL CHIP	1K	5%	1/10W
R3656	1-216-809-11	METAL CHIP	100	5%	1/10W
R3657	1-218-686-11	METAL CHIP	560	0.50%	1/10W
R3658	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R3659	1-218-694-11	METAL CHIP	1.2K	0.50%	1/10W
R3660	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3662	1-218-716-11	METAL CHIP	10K	0.50%	1/10W
R3663	1-216-837-11	METAL CHIP	22K	5%	1/10W
R3664	1-216-845-11	METAL CHIP	100K	5%	1/10W
R3666	1-216-809-11	METAL CHIP	100	5%	1/10W
R3667	1-216-841-11	METAL CHIP	47K	5%	1/10W
R3668	1-218-686-11	METAL CHIP	560	0.50%	1/10W
R3669	1-216-809-11	METAL CHIP	100	5%	1/10W
R3670	1-216-809-11	METAL CHIP	100	5%	1/10W
R3672	1-216-845-11	METAL CHIP	100K	5%	1/10W
R3673	1-216-864-11	SHORT CHIP			
R3674	1-216-809-11	METAL CHIP	100	5%	1/10W
R3675	1-216-809-11	METAL CHIP	100	5%	1/10W
R3676	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R3677	1-216-817-11	METAL CHIP	470	5%	1/10W
R3678	1-216-817-11	METAL CHIP	470	5%	1/10W
R3680	1-216-845-11	METAL CHIP	100K	5%	1/10W
R3681	1-216-837-11	METAL CHIP	22K	5%	1/10W
R3682	1-216-864-11	SHORT CHIP			
R3683	1-216-837-11	METAL CHIP	22K	5%	1/10W
R3684	1-216-809-11	METAL CHIP	100	5%	1/10W
R3694	1-216-837-11	METAL CHIP	22K	5%	1/10W
R3696	1-216-839-11	METAL CHIP	33K	5%	1/10W
R3697	1-216-835-11	METAL CHIP	15K	5%	1/10W

REF. NO.	PART NO.	DESCRIPTION	VALUES		
R3698	1-216-864-11	SHORT CHIP			
R3699	1-216-864-11	SHORT CHIP			
R3700	1-216-864-11	SHORT CHIP			
R3701	1-216-864-11	SHORT CHIP			
R3702	1-216-864-11	SHORT CHIP			
R3703	1-216-864-11	SHORT CHIP			
R3704	1-216-864-11	SHORT CHIP			
R3705	1-216-864-11	SHORT CHIP			
R3706	1-216-864-11	SHORT CHIP			
R3707	1-216-864-11	SHORT CHIP			
R3708	1-216-864-11	SHORT CHIP			
R3709	1-216-864-11	SHORT CHIP			
R3710	1-216-864-11	SHORT CHIP			
R3711	1-216-864-11	SHORT CHIP			
R3712	1-216-864-11	SHORT CHIP			
R3713	1-216-864-11	SHORT CHIP			
R3714	1-216-864-11	SHORT CHIP			
R3715	1-216-841-11	METAL CHIP	47K	5%	1/10W
R3716	1-216-837-11	METAL CHIP	22K	5%	1/10W
R3717	1-216-837-11	METAL CHIP	22K	5%	1/10W
R3718	1-216-837-11	METAL CHIP	22K	5%	1/10W
R3719	1-216-837-11	METAL CHIP	22K	5%	1/10W
R3720	1-216-837-11	METAL CHIP	22K	5%	1/10W
R3721	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3722	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3723	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3724	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3725	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3726	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3727	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3728	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3729	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3730	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3731	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3732	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3733	1-216-841-11	METAL CHIP	47K	5%	1/10W
R3734	1-216-837-11	METAL CHIP	22K	5%	1/10W
R3735	1-216-837-11	METAL CHIP	22K	5%	1/10W
R3736	1-216-864-11	SHORT CHIP			
R3737	1-216-803-11	METAL CHIP	33	5%	1/10W
R3739	1-216-801-11	METAL CHIP	22	5%	1/10W

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REF. NO.	PART NO.	DESCRIPTION	VALUES
	RESISTOR BRIDGE		
RB3000	1-233-576-11	RES, CHIP NETWORK	100 (3216)
RB3001	1-239-409-11	NETWORK RESISTOR(CHIP)	47
RB3002	1-239-409-11	NETWORK RESISTOR(CHIP)	47
RB3003	1-239-409-11	NETWORK RESISTOR(CHIP)	47
RB3004	1-236-908-11	NETWORK RESISTOR(CHIP)	10K
RB3006	1-239-409-11	NETWORK RESISTOR(CHIP)	47
RB3200	1-236-908-11	NETWORK RESISTOR(CHIP)	10K
RB3201	1-236-908-11	NETWORK RESISTOR(CHIP)	10K
RB3202	1-236-908-11	NETWORK RESISTOR(CHIP)	10K
RB3203	1-236-908-11	NETWORK RESISTOR(CHIP)	10K
RB3204	1-236-908-11	NETWORK RESISTOR(CHIP)	10K
RB3205	1-236-908-11	NETWORK RESISTOR(CHIP)	10K
RB3206	1-236-908-11	NETWORK RESISTOR(CHIP)	10K
RB3207	1-236-908-11	NETWORK RESISTOR(CHIP)	10K
RB3208	1-236-908-11	NETWORK RESISTOR(CHIP)	10K
RB3209	1-236-908-11	NETWORK RESISTOR(CHIP)	10K
RB3210	1-239-409-11	NETWORK RESISTOR(CHIP)	47
RB3211	1-236-908-11	NETWORK RESISTOR(CHIP)	10K
RB3212	1-239-409-11	NETWORK RESISTOR(CHIP)	47
RB3213	1-239-409-11	NETWORK RESISTOR(CHIP)	47
RB3214	1-239-409-11	NETWORK RESISTOR(CHIP)	47
RB3215	1-233-576-11	RES, CHIP NETWORK	100 (3216)
RB3216	1-233-576-11	RES, CHIP NETWORK	100 (3216)
RB3219	1-239-409-11	NETWORK RESISTOR(CHIP)	47
RB3220	1-233-576-11	RES, CHIP NETWORK	100 (3216)
RB3221	1-233-576-11	RES, CHIP NETWORK	100 (3216)
RB3400	1-234-524-21	RES, CHIP NETWORK	33 (3216)
RB3401	1-234-524-21	RES, CHIP NETWORK	33 (3216)
RB3402	1-234-524-21	RES, CHIP NETWORK	33 (3216)
RB3403	1-234-524-21	RES, CHIP NETWORK	33 (3216)
RB3404	1-234-524-21	RES, CHIP NETWORK	33 (3216)
RB3405	1-239-409-11	NETWORK RESISTOR(CHIP)	47
RB3406	1-239-409-11	NETWORK RESISTOR(CHIP)	47
RB3407	1-239-409-11	NETWORK RESISTOR(CHIP)	47
RB3408	1-239-409-11	NETWORK RESISTOR(CHIP)	47
RB3409	1-239-409-11	NETWORK RESISTOR(CHIP)	47
RB3410	1-239-409-11	NETWORK RESISTOR(CHIP)	47
RB3411	1-239-409-11	NETWORK RESISTOR(CHIP)	47
RB3412	1-239-409-11	NETWORK RESISTOR(CHIP)	47
RB3506	1-234-524-21	RES, CHIP NETWORK	33 (3216)
RB3507	1-234-524-21	RES, CHIP NETWORK	33 (3216)
RB3508	1-234-524-21	RES, CHIP NETWORK	33 (3216)
RB3509	1-234-524-21	RES, CHIP NETWORK	33 (3216)
RB3510	1-234-524-21	RES, CHIP NETWORK	33 (3216)
RB3511	1-234-524-21	RES, CHIP NETWORK	33 (3216)
RB3512	1-234-524-21	RES, CHIP NETWORK	33 (3216)
RB3513	1-234-524-21	RES, CHIP NETWORK	33 (3216)
RB3514	1-233-575-11	RES, CHIP NETWORK	22 (3216)
RB3515	1-233-575-11	RES, CHIP NETWORK	22 (3216)
RB3516	1-233-575-11	RES, CHIP NETWORK	22 (3216)
RB3517	1-233-575-11	RES, CHIP NETWORK	22 (3216)
RB3518	1-233-575-11	RES, CHIP NETWORK	22 (3216)
RB3519	1-233-575-11	RES, CHIP NETWORK	22 (3216)
RB3600	1-233-574-11	RES, CHIP NETWORK	10 (3216)
RB3601	1-233-574-11	RES, CHIP NETWORK	10 (3216)
RB3602	1-233-575-11	RES, CHIP NETWORK	22 (3216)
RB3603	1-239-409-11	NETWORK RESISTOR(CHIP)	47
RB3604	1-239-409-11	NETWORK RESISTOR(CHIP)	47
RB3605	1-239-409-11	NETWORK RESISTOR(CHIP)	47
RB3606	1-239-409-11	NETWORK RESISTOR(CHIP)	47
RB3607	1-239-409-11	NETWORK RESISTOR(CHIP)	47
RB3608	1-239-409-11	NETWORK RESISTOR(CHIP)	47
	VARISTOR		
VD3600	6-500-701-01	DIODE	PGB1010603NR
VD3601	6-500-701-01	DIODE	PGB1010603NR
	CRYSTAL		
X3000	1-795-753-21	VIBRATOR, CERAMIC	
X3001	1-781-696-21	VIBRATOR, CRYSTAL	
X3002	1-813-113-11	VIBRATOR, CRYSTAL	
X3200	1-813-373-11	OSCILLATOR, CRYSTAL	
X3400	1-813-114-21	VIBRATOR, CRYSTAL	
X3500	1-813-546-21	QUARTZ CRISTAL OSCILLATOR	
X3600	1-813-267-11	VIBRATOR, CRYSTAL	
X3601	1-767-984-21	VIBRATOR, CRYSTAL	

GI

GI

REF. NO.	PART NO.	DESCRIPTION	VALUES		
	* A-1109-406-A	GI BOARD, COMPLETE			
	(SN 9,000,001 TO 9,099,999 AND 9,800,000 TO 9,899,999 ONLY)				
	4-382-854-01	SCREW (M3X8), P, SW (+)			
	CAPACITOR				
C6001	1-164-156-11	CERAMIC CHIP	0.1µF		25V
C6002	1-164-156-11	CERAMIC CHIP	0.1µF		25V
C6003	1-164-156-11	CERAMIC CHIP	0.1µF		25V
C6004	1-164-156-11	CERAMIC CHIP	0.1µF		25V
C6005	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C6006	1-124-779-00	ELECT CHIP	10µF	20%	16V
C6007	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C6010	1-128-995-21	ELECT CHIP	100µF	20%	10V
C6012	1-164-156-11	CERAMIC CHIP	0.1µF		25V
C6013	1-128-992-21	ELECT CHIP	47µF	20%	25V
C6014	1-164-156-11	CERAMIC CHIP	0.1µF		25V
C6015	1-128-992-21	ELECT CHIP	47µF	20%	25V
C6016	1-164-156-11	CERAMIC CHIP	0.1µF		25V
C6017	1-164-156-11	CERAMIC CHIP	0.1µF		25V
C6018	1-164-156-11	CERAMIC CHIP	0.1µF		25V
C6019	1-128-991-21	ELECT CHIP	10µF	20%	50V
C6020	1-164-156-11	CERAMIC CHIP	0.1µF		25V
C6021	1-128-992-21	ELECT CHIP	47µF	20%	25V
C6022	1-164-156-11	CERAMIC CHIP	0.1µF		25V
C6023	1-164-156-11	CERAMIC CHIP	0.1µF		25V
C6024	1-128-992-21	ELECT CHIP	47µF	20%	25V
C6025	1-164-156-11	CERAMIC CHIP	0.1µF		25V
C6026	1-164-156-11	CERAMIC CHIP	0.1µF		25V
C6027	1-128-992-21	ELECT CHIP	47µF	20%	25V
C6028	1-128-992-21	ELECT CHIP	47µF	20%	25V
C6029	1-164-156-11	CERAMIC CHIP	0.1µF		25V
C6030	1-164-156-11	CERAMIC CHIP	0.1µF		25V
C6031	1-128-992-21	ELECT CHIP	47µF	20%	25V
C6032	1-128-992-21	ELECT CHIP	47µF	20%	25V
C6033	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C6034	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C6036	1-128-992-21	ELECT CHIP	47µF	20%	25V
C6037	1-128-992-21	ELECT CHIP	47µF	20%	25V
C6038	1-128-992-21	ELECT CHIP	47µF	20%	25V
C6039	1-164-156-11	CERAMIC CHIP	0.1µF		25V

REF. NO.	PART NO.	DESCRIPTION	VALUES		
C6040	1-128-992-21	ELECT CHIP	47µF	20%	25V
C6041	1-127-931-21	ELECT CHIP	470µF	20%	16V
C6042	1-127-931-21	ELECT CHIP	470µF	20%	16V
C6043	1-162-966-11	CERAMIC CHIP	0.0022µF	10%	50V
C6044	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C6045	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C6046	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C6047	1-125-837-91	CERAMIC CHIP	1µF	10%	6.3V
C6048	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C6049	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C6050	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C6051	1-164-156-11	CERAMIC CHIP	0.1µF		25V
C6052	1-128-994-21	ELECT CHIP	47µF	20%	10V
C6053	1-162-966-11	CERAMIC CHIP	0.0022µF	10%	50V
C6056	1-125-779-21	CERAMIC CHIP	0.022µF	5%	25V
C6057	1-128-996-11	ELECT CHIP	4.7µF	20%	50V
C6058	1-162-966-11	CERAMIC CHIP	0.0022µF	10%	50V
C6059	1-162-968-11	CERAMIC CHIP	0.0047µF	10%	50V
C6060	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C6061	1-125-779-21	CERAMIC CHIP	0.022µF	5%	25V
C6062	1-127-715-91	CERAMIC CHIP	0.22µF	10%	16V
C6063	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C6064	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C6900	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C6901	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C6902	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C6903	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C6904	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C6905	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C6907	1-162-916-11	CERAMIC CHIP	12pF	5%	50V
C6908	1-162-916-11	CERAMIC CHIP	12pF	5%	50V
C6909	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C6910	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C6912	1-162-927-11	CERAMIC CHIP	100pF	5%	50V
C6913	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C6914	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C6915	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C6917	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C6918	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C6923	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V

GI

	REF. NO.	PART NO.	DESCRIPTION	VALUES
	C6926	1-126-767-11	ELECT	1000µF 20% 16V
	C6927	1-107-826-11	CERAMIC CHIP	0.1µF 10% 16V
	C6928	1-126-927-11	ELECT	2200µF 20% 10V
	C6929	1-162-970-11	CERAMIC CHIP	0.01µF 10% 25V
			CONNECTOR	
*	CN6000	1-818-747-11	PIN, CONNECTOR 12P	
*	CN6001	1-817-702-11	CONNECTOR, BOARD TO BOARD	4P
	CN6002	1-816-112-11	CONNECTOR, SQUARE TYPE (USB)	5P
*	CN6004	1-764-812-12	CONNECTOR, BOARD TO BOARD	11P
*	CN6005	1-793-922-11	CONNECTOR, DIN (RECEPTACLE)	64P
	CN6013	1-695-915-11	TAB (CONTACT)	
	CN6014	1-695-915-11	TAB (CONTACT)	
	CN6015	1-695-915-11	TAB (CONTACT)	
	CN6017	1-750-710-11	CONNECTOR, BOARD TO BOARD	19P
	CN6018	1-695-915-11	TAB (CONTACT)	
	CN6019	1-816-957-11	PIN, CONNECTOR (RECEPTACLE)	96P
*	CN6028	1-818-482-12	PIN, CONNECTOR 10P	
*	CN6029	1-823-330-11	CONNECTOR, BOARD TO BOARD	40P
*	CN6030	1-537-738-21	TERMINAL, EARTH	
*	CN6032	1-537-738-21	TERMINAL, EARTH	
	CN6033	1-770-721-11	CONNECTOR, BOARD TO BOARD	4P
			DIODE	
	D6002	8-719-404-50	DIODE	MA111-TX
	D6003	8-719-404-50	DIODE	MA111-TX
	D6004	8-719-404-50	DIODE	MA111-TX
	D6005	8-719-000-08	DIODE	MC2838
	D6006	8-719-404-50	DIODE	MA111-TX
	D6007	8-719-404-50	DIODE	MA111-TX
	D6008	8-719-404-50	DIODE	MA111-TX
	D6009	8-719-404-50	DIODE	MA111-TX
	D6010	8-719-404-50	DIODE	MA111-TX
	D6011	8-719-404-50	DIODE	MA111-TX
	D6012	8-719-404-50	DIODE	MA111-TX
	D6013	8-719-404-50	DIODE	MA111-TX
	D6014	8-719-404-50	DIODE	MA111-TX
	D6015	8-719-404-50	DIODE	MA111-TX
	D6016	8-719-000-08	DIODE	MC2838

REF. NO.	PART NO.	DESCRIPTION	VALUES
D6017	8-719-977-28	DIODE	DTZ10B
D6018	8-719-977-28	DIODE	DTZ10B
D6019	8-719-404-50	DIODE	MA111-TX
D6020	8-719-404-50	DIODE	MA111-TX
D6021	8-719-081-97	DIODE	MMDL914T1
D6022	8-719-977-28	DIODE	DTZ10B
D6901	8-719-000-07	DIODE	MC2836
D6902	8-719-000-08	DIODE	MC2838
D6904	8-719-025-31	DIODE	02CZ5.6-TE85L
D6905	8-719-404-50	DIODE	MA111-TX
D6906	8-719-000-08	DIODE	MC2838
		FERRITE BEAD	
FB6000	1-414-921-11	FERRITE	0µH
FB6002	1-216-295-91	SHORT CHIP	
FB6003	1-414-921-11	FERRITE	0µH
FB6004	1-469-869-21	FERRITE	0µH
FB6005	1-469-869-21	FERRITE	0µH
FB6007	1-500-329-21	FERRITE	0µH
FB6008	1-543-949-22	FERRITE	0µH
FB6009	1-543-949-22	FERRITE	0µH
FB6010	1-543-949-22	FERRITE	0µH
FB6011	1-543-949-22	FERRITE	0µH
FB6012	1-543-949-22	FERRITE	0µH
FB6013	1-543-949-22	FERRITE	0µH
FB6014	1-543-949-22	FERRITE	0µH
FB6015	1-543-949-22	FERRITE	0µH
FB6016	1-543-949-22	FERRITE	0µH
FB6017	1-543-949-22	FERRITE	0µH
FB6018	1-543-949-22	FERRITE	0µH
FB6019	1-543-949-22	FERRITE	0µH
FB6020	1-543-949-22	FERRITE	0µH
FB6021	1-543-949-22	FERRITE	0µH
FB6022	1-543-949-22	FERRITE	0µH
FB6023	1-543-949-22	FERRITE	0µH
FB6024	1-543-949-22	FERRITE	0µH
FB6025	1-543-949-22	FERRITE	0µH
FB6026	1-543-949-22	FERRITE	0µH

GI

REF. NO.	PART NO.	DESCRIPTION	VALUES
	IC		
IC6002	6-705-025-01	IC	PQ20WZ1UJ00H
IC6003	8-752-072-94	IC	CXA1875AM-T4
IC6004	6-705-025-01	IC	PQ20WZ1UJ00H
IC6005	6-705-025-01	IC	PQ20WZ1UJ00H
IC6006	6-706-481-01	IC	TC7SET32FU(T5RSOJF)
IC6007	6-706-481-01	IC	TC7SET32FU(T5RSOJF)
IC6008	6-705-025-01	IC	PQ20WZ1UJ00H
IC6010	6-703-076-01	IC	XC6204B332MR
IC6902	6-805-095-01	IC	MB90333APMC-G-101-BNDE1
IC6904	6-703-176-01	IC	PST3627UL
IC6905	6-706-487-01	IC	TC7SH08FU(T5RSOYJF)
IC6909	6-706-481-01	IC	TC7SET32FU(T5RSOJF)
IC6910	8-759-284-06	IC	PQ30RV31J00H
	COIL		
L6001	1-414-857-11	INDUCTOR	100µH
L6002	1-414-857-11	INDUCTOR	100µH
L6003	1-414-856-11	INDUCTOR	10µH
L6900	1-469-555-21	INDUCTOR	10µH
L8017	1-414-856-11	INDUCTOR	10µH
L8018	1-414-856-11	INDUCTOR	10µH
	TRANSISTOR		
Q6000	8-729-120-28	TRANSISTOR	2SC1623-L5L6
Q6001	8-729-600-22	TRANSISTOR	2SA1235-F
Q6002	8-729-120-28	TRANSISTOR	2SC1623-L5L6
Q6003	8-729-600-22	TRANSISTOR	2SA1235-F
Q6005	8-729-120-28	TRANSISTOR	2SC1623-L5L6
Q6006	8-729-600-22	TRANSISTOR	2SA1235-F
Q6007	8-729-120-28	TRANSISTOR	2SC1623-L5L6
Q6008	8-729-600-22	TRANSISTOR	2SA1235-F
Q6009	8-729-120-28	TRANSISTOR	2SC1623-L5L6
Q6010	8-729-600-22	TRANSISTOR	2SA1235-F
Q6011	8-729-120-28	TRANSISTOR	2SC1623-L5L6
Q6012	8-729-120-28	TRANSISTOR	2SC1623-L5L6
Q6013	8-729-600-22	TRANSISTOR	2SA1235-F
Q6014	8-729-120-28	TRANSISTOR	2SC1623-L5L6
Q6015	8-729-120-28	TRANSISTOR	2SC1623-L5L6
Q6016	8-729-600-22	TRANSISTOR	2SA1235-F
Q6017	8-729-120-28	TRANSISTOR	2SC1623-L5L6
Q6018	8-729-600-22	TRANSISTOR	2SA1235-F
Q6901	8-729-028-28	TRANSISTOR	2SK2036(TE85L)
Q6902	8-729-028-28	TRANSISTOR	2SK2036(TE85L)
Q6904	8-729-120-28	TRANSISTOR	2SC1623-L5L6
Q6905	8-729-600-22	TRANSISTOR	2SA1235-F
Q6906	8-729-120-28	TRANSISTOR	2SC1623-L5L6
Q6907	8-729-120-28	TRANSISTOR	2SC1623-L5L6
Q6908	8-729-120-28	TRANSISTOR	2SC1623-L5L6
Q6909	8-729-120-28	TRANSISTOR	2SC1623-L5L6
Q6910	8-729-600-22	TRANSISTOR	2SA1235-F
Q6912	8-729-120-28	TRANSISTOR	2SC1623-L5L6
Q6913	8-729-600-22	TRANSISTOR	2SA1235-F
Q6914	8-729-600-22	TRANSISTOR	2SA1235-F
Q6915	8-729-120-28	TRANSISTOR	2SC1623-L5L6
Q6916	8-729-120-28	TRANSISTOR	2SC1623-L5L6
Q6917	8-729-120-28	TRANSISTOR	2SC1623-L5L6
	RESISTOR		
R6001	1-216-809-11	METAL CHIP	100 5% 1/10W
R6002	1-216-809-11	METAL CHIP	100 5% 1/10W
R6003	1-216-296-11	SHORT CHIP	
R6006	1-216-833-11	METAL CHIP	10K 5% 1/10W
R6010	1-216-805-11	METAL CHIP	47 5% 1/10W
R6011	1-216-825-11	METAL CHIP	2.2K 5% 1/10W
R6015	1-216-829-11	METAL CHIP	4.7K 5% 1/10W
R6017	1-216-833-11	METAL CHIP	10K 5% 1/10W
R6018	1-216-821-11	METAL CHIP	1K 5% 1/10W
R6019	1-216-845-11	METAL CHIP	100K 5% 1/10W
R6020	1-216-797-11	METAL CHIP	10 5% 1/10W
R6021	1-216-821-11	METAL CHIP	1K 5% 1/10W
R6022	1-218-867-11	METAL CHIP	6.8K 0.50% 1/10W
R6023	1-216-833-11	METAL CHIP	10K 5% 1/10W
R6024	1-216-845-11	METAL CHIP	100K 5% 1/10W
R6025	1-216-833-11	METAL CHIP	10K 5% 1/10W
R6026	1-216-864-11	SHORT CHIP	
R6028	1-218-716-11	METAL CHIP	10K 0.50% 1/10W
R6029	1-216-845-11	METAL CHIP	100K 5% 1/10W
R6030	1-216-864-11	SHORT CHIP	

GI

REF. NO.	PART NO.	DESCRIPTION	VALUES		
R6031	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6032	1-216-864-11	SHORT CHIP			
R6033	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6034	1-216-797-11	METAL CHIP	10	5%	1/10W
R6035	1-216-801-11	METAL CHIP	22	5%	1/10W
R6036	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6037	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6038	1-216-801-11	METAL CHIP	22	5%	1/10W
R6039	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6040	1-218-722-11	METAL CHIP	18K	0.50%	1/10W
R6041	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6042	1-218-867-11	METAL CHIP	6.8K	0.50%	1/10W
R6043	1-216-845-11	METAL CHIP	100K	5%	1/10W
R6044	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6045	1-216-845-11	METAL CHIP	100K	5%	1/10W
R6046	1-216-797-11	METAL CHIP	10	5%	1/10W
R6047	1-216-864-11	SHORT CHIP			
R6050	1-218-716-11	METAL CHIP	10K	0.50%	1/10W
R6051	1-216-845-11	METAL CHIP	100K	5%	1/10W
R6052	1-218-867-11	METAL CHIP	6.8K	0.50%	1/10W
R6053	1-218-722-11	METAL CHIP	18K	0.50%	1/10W
R6054	1-216-864-11	SHORT CHIP			
R6055	1-216-824-11	METAL CHIP	1.8K	5%	1/10W
R6057	1-218-716-11	METAL CHIP	10K	0.50%	1/10W
R6058	1-218-722-11	METAL CHIP	18K	0.50%	1/10W
R6059	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6060	1-216-809-11	METAL CHIP	100	5%	1/10W
R6061	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6062	1-216-809-11	METAL CHIP	100	5%	1/10W
R6063	1-216-845-11	METAL CHIP	100K	5%	1/10W
R6065	1-218-716-11	METAL CHIP	10K	0.50%	1/10W
R6070	1-218-722-11	METAL CHIP	18K	0.50%	1/10W
R6071	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6072	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6073	1-216-864-11	SHORT CHIP			
R6074	1-216-864-11	SHORT CHIP			
R6076	1-216-864-11	SHORT CHIP			
R6077	1-216-857-11	METAL CHIP	1M	5%	1/10W
R6078	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6079	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6080	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6081	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6082	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6083	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R6085	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6091	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6106	1-216-864-11	SHORT CHIP			
R6107	1-216-864-11	SHORT CHIP			
R6110	1-216-814-11	METAL CHIP	270	5%	1/10W
R6111	1-216-864-11	SHORT CHIP			
R6112	1-216-864-11	SHORT CHIP			
R6116	1-216-864-11	SHORT CHIP			
R6117	1-216-864-11	SHORT CHIP			
R6118	1-216-864-11	SHORT CHIP			
R6121	1-216-809-11	METAL CHIP	100	5%	1/10W
R6122	1-216-864-11	SHORT CHIP			
R6123	1-216-864-11	SHORT CHIP			
R6124	1-216-809-11	METAL CHIP	100	5%	1/10W
R6126	1-216-864-11	SHORT CHIP			
R6127	1-216-864-11	SHORT CHIP			
R6128	1-216-864-11	SHORT CHIP			
R6129	1-216-809-11	METAL CHIP	100	5%	1/10W
R6130	1-216-809-11	METAL CHIP	100	5%	1/10W
R6134	1-216-864-11	SHORT CHIP			
R6135	1-216-864-11	SHORT CHIP			
R6136	1-216-864-11	SHORT CHIP			
R6137	1-216-864-11	SHORT CHIP			
R6138	1-216-864-11	SHORT CHIP			
R6139	1-216-857-11	METAL CHIP	1M	5%	1/10W
R6140	1-216-828-11	METAL CHIP	3.9K	5%	1/10W
R6141	1-216-826-11	METAL CHIP	2.7K	5%	1/10W
R6142	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R6143	1-216-864-11	SHORT CHIP			
R6144	1-216-864-11	SHORT CHIP			
R6145	1-216-864-11	SHORT CHIP			
R6146	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6147	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6148	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6149	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6150	1-216-833-11	METAL CHIP	10K	5%	1/10W

GI

REF. NO.	PART NO.	DESCRIPTION	VALUES		
R6151	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R6152	1-216-857-11	METAL CHIP	1M	5%	1/10W
R6153	1-216-864-11	SHORT CHIP			
R6154	1-216-864-11	SHORT CHIP			
R6155	1-216-864-11	SHORT CHIP			
R6156	1-216-864-11	SHORT CHIP			
R6157	1-216-864-11	SHORT CHIP			
R6158	1-216-864-11	SHORT CHIP			
R6159	1-216-864-11	SHORT CHIP			
R6160	1-216-864-11	SHORT CHIP			
R6161	1-216-864-11	SHORT CHIP			
R6162	1-216-864-11	SHORT CHIP			
R6163	1-216-864-11	SHORT CHIP			
R6166	1-216-864-11	SHORT CHIP			
R6168	1-216-823-11	METAL CHIP	1.5K	5%	1/10W
R6170	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6176	1-216-797-11	METAL CHIP	10	5%	1/10W
R6177	1-216-845-11	METAL CHIP	100K	5%	1/10W
R6178	1-216-845-11	METAL CHIP	100K	5%	1/10W
R6179	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6180	1-218-867-11	METAL CHIP	6.8K	0.50%	1/10W
R6181	1-216-864-11	SHORT CHIP			
R6184	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6185	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6186	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6190	1-216-864-11	SHORT CHIP			
R6194	1-216-864-11	SHORT CHIP			
R6198	1-218-698-11	METAL CHIP	1.8K	0.50%	1/10W
R6199	1-218-692-11	METAL CHIP	1K	0.50%	1/10W
R6201	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6208	1-216-864-11	SHORT CHIP			
R6213	1-216-864-11	SHORT CHIP			
R6214	1-216-864-11	SHORT CHIP			
R6215	1-216-864-11	SHORT CHIP			
R6217	1-216-864-11	SHORT CHIP			
R6218	1-216-864-11	SHORT CHIP			
R6219	1-216-864-11	SHORT CHIP			
R6221	1-216-864-11	SHORT CHIP			
R6222	1-216-864-11	SHORT CHIP			
R6859	1-216-809-11	METAL CHIP	100	5%	1/10W
R6864	1-216-864-11	SHORT CHIP			
R6865	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6866	1-216-864-11	SHORT CHIP			
R6867	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6868	1-216-845-11	METAL CHIP	100K	5%	1/10W
R6869	1-216-845-11	METAL CHIP	100K	5%	1/10W
R6870	1-216-845-11	METAL CHIP	100K	5%	1/10W
R6873	1-216-809-11	METAL CHIP	100	5%	1/10W
R6874	1-216-845-11	METAL CHIP	100K	5%	1/10W
R6876	1-216-864-11	SHORT CHIP			
R6877	1-216-864-11	SHORT CHIP			
R6878	1-216-837-11	METAL CHIP	22K	5%	1/10W
R6880	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6881	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6882	1-216-809-11	METAL CHIP	100	5%	1/10W
R6883	1-216-864-11	SHORT CHIP			
R6884	1-216-864-11	SHORT CHIP			
R6885	1-216-864-11	SHORT CHIP			
R6886	1-216-864-11	SHORT CHIP			
R6887	1-216-864-11	SHORT CHIP			
R6888	1-216-864-11	SHORT CHIP			
R6889	1-216-809-11	METAL CHIP	100	5%	1/10W
R6890	1-216-809-11	METAL CHIP	100	5%	1/10W
R6891	1-216-809-11	METAL CHIP	100	5%	1/10W
R6892	1-216-809-11	METAL CHIP	100	5%	1/10W
R6893	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6894	1-216-809-11	METAL CHIP	100	5%	1/10W
R6895	1-216-809-11	METAL CHIP	100	5%	1/10W
R6896	1-216-823-11	METAL CHIP	1.5K	5%	1/10W
R6897	1-216-864-11	SHORT CHIP			
R6898	1-218-654-11	METAL CHIP	27	0.50%	1/10W
R6899	1-218-654-11	METAL CHIP	27	0.50%	1/10W
R6901	1-216-805-11	METAL CHIP	47	5%	1/10W
R6902	1-216-864-11	SHORT CHIP			
R6904	1-216-864-11	SHORT CHIP			
R6905	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R6906	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6907	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6908	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R6909	1-216-825-11	METAL CHIP	2.2K	5%	1/10W

GI

REF. NO.	PART NO.	DESCRIPTION	VALUES		
R6910	1-216-809-11	METAL CHIP	100	5%	1/10W
R6911	1-216-809-11	METAL CHIP	100	5%	1/10W
R6912	1-216-809-11	METAL CHIP	100	5%	1/10W
R6913	1-216-864-11	SHORT CHIP			
R6914	1-216-801-11	METAL CHIP	22	5%	1/10W
R6915	1-216-801-11	METAL CHIP	22	5%	1/10W
R6916	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R6918	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6919	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6920	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6921	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6922	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6924	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6925	1-216-864-11	SHORT CHIP			
R6926	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6927	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6928	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6929	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6930	1-216-857-11	METAL CHIP	1M	5%	1/10W
R6931	1-216-841-11	METAL CHIP	47K	5%	1/10W
R6932	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6933	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6934	1-216-809-11	METAL CHIP	100	5%	1/10W
R6935	1-216-845-11	METAL CHIP	100K	5%	1/10W
R6936	1-216-841-11	METAL CHIP	47K	5%	1/10W
R6937	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6938	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6939	1-216-809-11	METAL CHIP	100	5%	1/10W
R6940	1-216-841-11	METAL CHIP	47K	5%	1/10W
R6941	1-216-845-11	METAL CHIP	100K	5%	1/10W
R6942	1-216-839-11	METAL CHIP	33K	5%	1/10W
R6943	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6944	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6945	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6946	1-216-809-11	METAL CHIP	100	5%	1/10W
R6947	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6948	1-216-837-11	METAL CHIP	22K	5%	1/10W
R6949	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6950	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6951	1-216-821-11	METAL CHIP	1K	5%	1/10W

REF. NO.	PART NO.	DESCRIPTION	VALUES		
R6952	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6953	1-216-837-11	METAL CHIP	22K	5%	1/10W
R6954	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6955	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6956	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6957	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R6958	1-216-864-11	SHORT CHIP			
R6959	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6960	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6961	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6962	1-216-814-11	METAL CHIP	270	5%	1/10W
R6963	1-216-809-11	METAL CHIP	100	5%	1/10W
R6964	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6966	1-216-801-11	METAL CHIP	22	5%	1/10W
R6967	1-216-801-11	METAL CHIP	22	5%	1/10W
R6968	1-216-813-11	METAL CHIP	220	5%	1/10W
R6970	1-216-809-11	METAL CHIP	100	5%	1/10W
R6971	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6972	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6973	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6974	1-216-864-11	SHORT CHIP			
R6976	1-216-801-11	METAL CHIP	22	5%	1/10W
R6977	1-216-801-11	METAL CHIP	22	5%	1/10W
R6978	1-216-845-11	METAL CHIP	100K	5%	1/10W
R6979	1-216-864-11	SHORT CHIP			
R6980	1-216-809-11	METAL CHIP	100	5%	1/10W
R6981	1-216-809-11	METAL CHIP	100	5%	1/10W
R6982	1-216-841-11	METAL CHIP	47K	5%	1/10W
R6983	1-216-809-11	METAL CHIP	100	5%	1/10W
R6984	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6985	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6986	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6987	1-216-809-11	METAL CHIP	100	5%	1/10W
R6988	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6989	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6990	1-216-864-11	SHORT CHIP			
R6993	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6995	1-216-864-11	SHORT CHIP			
R6996	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6999	1-216-833-11	METAL CHIP	10K	5%	1/10W

GI GK

REF. NO.	PART NO.	DESCRIPTION	VALUES		
	RESISTOR BRIDGE				
RB6901	1-236-908-11	NETWORK RESISTOR(CHIP)	10K		
RB6902	1-236-908-11	NETWORK RESISTOR(CHIP)	10K		
	CRYSTAL				
X6900	1-767-419-21	VIBRATOR, CRYSTAL			

GK

*** A-1148-239-A GK BOARD, COMPLETE**
(SN 9,100,001 TO 9,799,999 AND 9,900,000 AND UP ONLY)

	4-382-854-01	SCREW (M3X8), P, SW (+)			
	CAPACITOR				
C6001	1-164-156-11	CERAMIC CHIP	0.1µF		25V
C6002	1-164-156-11	CERAMIC CHIP	0.1µF		25V
C6003	1-164-156-11	CERAMIC CHIP	0.1µF		25V
C6004	1-164-156-11	CERAMIC CHIP	0.1µF		25V
C6005	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C6006	1-124-779-00	ELECT CHIP	10µF	20%	16V
C6007	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C6010	1-128-995-21	ELECT CHIP	100µF	20%	10V
C6012	1-164-156-11	CERAMIC CHIP	0.1µF		25V
C6013	1-128-992-21	ELECT CHIP	47µF	20%	25V
C6014	1-164-156-11	CERAMIC CHIP	0.1µF		25V
C6015	1-128-992-21	ELECT CHIP	47µF	20%	25V
C6016	1-164-156-11	CERAMIC CHIP	0.1µF		25V
C6017	1-164-156-11	CERAMIC CHIP	0.1µF		25V
C6018	1-164-156-11	CERAMIC CHIP	0.1µF		25V
C6019	1-128-991-21	ELECT CHIP	10µF	20%	50V
C6020	1-164-156-11	CERAMIC CHIP	0.1µF		25V
C6021	1-128-992-21	ELECT CHIP	47µF	20%	25V
C6022	1-164-156-11	CERAMIC CHIP	0.1µF		25V
C6023	1-164-156-11	CERAMIC CHIP	0.1µF		25V
C6024	1-128-992-21	ELECT CHIP	47µF	20%	25V
C6025	1-164-156-11	CERAMIC CHIP	0.1µF		25V
C6026	1-164-156-11	CERAMIC CHIP	0.1µF		25V
C6027	1-128-992-21	ELECT CHIP	47µF	20%	25V
C6028	1-128-992-21	ELECT CHIP	47µF	20%	25V
C6029	1-164-156-11	CERAMIC CHIP	0.1µF		25V
C6030	1-164-156-11	CERAMIC CHIP	0.1µF		25V
C6031	1-128-992-21	ELECT CHIP	47µF	20%	25V
C6032	1-128-992-21	ELECT CHIP	47µF	20%	25V
C6033	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C6034	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C6036	1-128-992-21	ELECT CHIP	47µF	20%	25V
C6037	1-128-992-21	ELECT CHIP	47µF	20%	25V
C6038	1-128-992-21	ELECT CHIP	47µF	20%	25V
C6039	1-164-156-11	CERAMIC CHIP	0.1µF		25V
C6040	1-128-992-21	ELECT CHIP	47µF	20%	25V
C6041	1-127-931-21	ELECT CHIP	470µF	20%	16V
C6042	1-127-931-21	ELECT CHIP	470µF	20%	16V
C6043	1-162-966-11	CERAMIC CHIP	0.0022µF	10%	50V
C6044	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C6045	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C6046	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C6047	1-125-837-91	CERAMIC CHIP	1µF	10%	6.3V
C6048	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C6049	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C6050	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C6051	1-164-156-11	CERAMIC CHIP	0.1µF		25V
C6052	1-128-994-21	ELECT CHIP	47µF	20%	10V
C6053	1-162-966-11	CERAMIC CHIP	0.0022µF	10%	50V
C6056	1-125-779-21	CERAMIC CHIP	0.022µF	5%	25V
C6057	1-128-996-11	ELECT CHIP	4.7µF	20%	50V
C6058	1-162-966-11	CERAMIC CHIP	0.0022µF	10%	50V
C6059	1-162-968-11	CERAMIC CHIP	0.0047µF	10%	50V
C6060	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C6061	1-125-779-21	CERAMIC CHIP	0.022µF	5%	25V
C6062	1-127-715-91	CERAMIC CHIP	0.22µF	10%	16V
C6063	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C6064	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C6600	1-126-947-11	ELECT	47µF	20%	35V
C6601	1-126-767-11	ELECT	1000µF	20%	16V
C6602	1-126-964-11	ELECT	10µF	20%	50V
C6603	1-126-964-11	ELECT	10µF	20%	50V
C6604	1-126-964-11	ELECT	10µF	20%	50V
C6607	1-126-960-11	ELECT	1µF	20%	50V
C6608	1-126-960-11	ELECT	1µF	20%	50V

GK

REF. NO.	PART NO.	DESCRIPTION	VALUES		
C6609	1-126-960-11	ELECT	1µF	20%	50V
C6610	1-126-935-11	ELECT	470µF	20%	16V
C6613	1-126-935-11	ELECT	470µF	20%	16V
C6614	1-104-666-11	ELECT	220µF	20%	25V
C6615	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C6616	1-136-497-81	FILM	0.1µF	5%	50V
C6617	1-128-550-11	ELECT	2200µF	20%	50V
C6619	1-164-156-11	CERAMIC CHIP	0.1µF		25V
C6620	1-136-497-81	FILM	0.1µF	5%	50V
C6621	1-136-497-81	FILM	0.1µF	5%	50V
C6622	1-128-550-11	ELECT	2200µF	20%	50V
C6623	1-128-550-11	ELECT	2200µF	20%	50V
C6624	1-126-767-11	ELECT	1000µF	20%	16V
C6625	1-127-931-21	ELECT CHIP	470µF	20%	16V
C6900	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C6901	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C6902	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C6903	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C6904	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C6905	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C6907	1-162-916-11	CERAMIC CHIP	12pF	5%	50V
C6908	1-162-916-11	CERAMIC CHIP	12pF	5%	50V
C6909	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C6910	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C6912	1-162-927-11	CERAMIC CHIP	100pF	5%	50V
C6913	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C6914	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C6915	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C6917	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C6918	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C6923	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C6926	1-126-767-11	ELECT	1000µF	20%	16V
C6927	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C6928	1-126-927-11	ELECT	2200µF	20%	10V
C6929	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C6930	1-164-156-11	CERAMIC CHIP	0.1µF		25V
C6931	1-128-995-21	ELECT CHIP	100µF	20%	10V
C6932	1-162-919-11	CERAMIC CHIP	22pF	5%	50V
C6933	1-162-919-11	CERAMIC CHIP	22pF	5%	50V

	REF. NO.	PART NO.	DESCRIPTION	VALUES
		CONNECTOR		
*	CN6000	1-818-747-11	PIN, CONNECTOR	12P
*	CN6001	1-817-702-11	CONNECTOR, BOARD TO BOARD	4P
	CN6002	1-816-112-11	CONNECTOR, SQUARE TYPE (USB)	5P
	CN6003	1-816-112-11	CONNECTOR, SQUARE TYPE (USB)	5P
*	CN6004	1-764-812-12	CONNECTOR, BOARD TO BOARD	11P
*	CN6005	1-793-922-11	CONNECTOR, DIN (RECEPTACLE)	64P
	CN6015	1-695-915-11	TAB (CONTACT)	
	CN6017	1-750-710-11	CONNECTOR, BOARD TO BOARD	19P
	CN6018	1-695-915-11	TAB (CONTACT)	
	CN6019	1-816-957-11	PIN CONNECTOR RECEPTACLE	96P
*	CN6028	1-818-482-12	PIN, CONNECTOR 10P	
*	CN6030	1-537-738-21	TERMINAL, EARTH	
*	CN6032	1-537-738-21	TERMINAL, EARTH	
	CN6033	1-770-721-11	CONNECTOR, BOARD TO BOARD	4P
*	CN6600	1-779-944-11	PIN, CONNECTOR (PC BOARD)	4P
	CN6601	1-764-101-11	PIN, CONNECTOR (PC BOARD)	2P
*	CN6900	1-691-551-11	PIN, CONNECTOR (SMD)	8P

REF. NO.	PART NO.	DESCRIPTION	VALUES
	DIODE		
D6002	8-719-404-50	DIODE	MA111-TX
D6003	8-719-404-50	DIODE	MA111-TX
D6004	8-719-404-50	DIODE	MA111-TX
D6005	8-719-000-08	DIODE	MC2838
D6006	8-719-404-50	DIODE	MA111-TX
D6007	8-719-404-50	DIODE	MA111-TX
D6008	8-719-404-50	DIODE	MA111-TX
D6009	8-719-404-50	DIODE	MA111-TX
D6010	8-719-404-50	DIODE	MA111-TX
D6011	8-719-404-50	DIODE	MA111-TX
D6012	8-719-404-50	DIODE	MA111-TX
D6013	8-719-404-50	DIODE	MA111-TX
D6014	8-719-404-50	DIODE	MA111-TX
D6015	8-719-404-50	DIODE	MA111-TX
D6016	8-719-000-08	DIODE	MC2838
D6017	8-719-977-28	DIODE	DTZ10B
D6018	8-719-977-28	DIODE	DTZ10B
D6019	8-719-404-50	DIODE	MA111-TX
D6021	8-719-081-97	DIODE	MMDL914T1
D6022	8-719-977-28	DIODE	DTZ10B

GK

REF. NO.	PART NO.	DESCRIPTION	VALUES
D6600	8-719-404-50	DIODE	MA111-TX
D6601	8-719-404-50	DIODE	MA111-TX
D6602	8-719-404-50	DIODE	MA111-TX
D6604	8-719-404-50	DIODE	MA111-TX
D6609	8-719-404-50	DIODE	MA111-TX
D6610	8-719-083-85	DIODE	UDZSTE-1722B
D6611	8-719-083-85	DIODE	UDZSTE-1722B
D6612	8-719-404-50	DIODE	MA111-TX
D6613	8-719-404-50	DIODE	MA111-TX
D6614	8-719-404-50	DIODE	MA111-TX
D6615	8-719-404-50	DIODE	MA111-TX
D6616	8-719-404-50	DIODE	MA111-TX
D6617	8-719-404-50	DIODE	MA111-TX
D6618	8-719-404-50	DIODE	MA111-TX
D6619	8-719-404-50	DIODE	MA111-TX
D6620	8-719-404-50	DIODE	MA111-TX
D6621	8-719-404-50	DIODE	MA111-TX
D6622	8-719-404-50	DIODE	MA111-TX
D6901	8-719-000-07	DIODE	MC2836
D6902	8-719-000-08	DIODE	MC2838
D6904	8-719-025-31	DIODE	02CZ5.6-TE85L
D6905	8-719-404-50	DIODE	MA111-TX
D6906	8-719-000-08	DIODE	MC2838

FERRITE BEAD

FB6000	1-414-921-11	FERRITE	0µH
FB6002	1-216-295-91	SHORT CHIP	
FB6003	1-414-921-11	FERRITE	0µH
FB6004	1-469-869-21	FERRITE	0µH
FB6005	1-469-869-21	FERRITE	0µH
FB6007	1-500-329-21	FERRITE	0µH
FB6008	1-543-949-22	FERRITE	0µH
FB6009	1-543-949-22	FERRITE	0µH
FB6010	1-543-949-22	FERRITE	0µH
FB6011	1-543-949-22	FERRITE	0µH
FB6012	1-543-949-22	FERRITE	0µH
FB6013	1-543-949-22	FERRITE	0µH
FB6014	1-543-949-22	FERRITE	0µH
FB6015	1-543-949-22	FERRITE	0µH
FB6016	1-543-949-22	FERRITE	0µH
FB6017	1-543-949-22	FERRITE	0µH
FB6018	1-543-949-22	FERRITE	0µH
FB6019	1-543-949-22	FERRITE	0µH
FB6020	1-543-949-22	FERRITE	0µH
FB6021	1-543-949-22	FERRITE	0µH
FB6022	1-543-949-22	FERRITE	0µH
FB6023	1-543-949-22	FERRITE	0µH
FB6024	1-543-949-22	FERRITE	0µH
FB6025	1-543-949-22	FERRITE	0µH
FB6026	1-543-949-22	FERRITE	0µH

IC

IC6002	6-705-025-01	IC	PQ20WZ1UJ00H
IC6003	8-752-072-94	IC	CXA1875AM-T4
IC6004	6-705-025-01	IC	PQ20WZ1UJ00H
IC6005	6-705-025-01	IC	PQ20WZ1UJ00H
IC6006	6-706-481-01	IC	TC7SET32FU(T5RSOJF)
IC6007	6-706-481-01	IC	TC7SET32FU(T5RSOJF)
IC6008	6-705-025-01	IC	PQ20WZ1UJ00H
IC6010	6-703-076-01	IC	XC6204B332MR
IC6600	6-702-490-01	IC	TA8258HQ
IC6902	6-805-095-01	IC	MB90333APMC-G-101-BNDE1
IC6904	6-703-176-01	IC	PST3627UL
IC6905	6-706-487-01	IC	TC7SH08FU(T5RSOYJF)
IC6909	6-706-481-01	IC	TC7SET32FU(T5RSOJF)
IC6910	8-759-284-06	IC	PQ30RV31J00H
IC6911	6-707-223-01	IC	LM75BIM-5/NOPB

COIL

L6001	1-414-857-11	INDUCTOR	100µH
L6002	1-414-857-11	INDUCTOR	100µH
L6003	1-414-856-11	INDUCTOR	10µH
L6900	1-469-555-21	INDUCTOR	10µH
L8017	1-414-856-11	INDUCTOR	10µH
L8018	1-414-856-11	INDUCTOR	10µH

IC LINK

PS6600	1-532-984-11	IC LINK	2A	50V

GK

REF. NO.	PART NO.	DESCRIPTION	VALUES
	TRANSISTOR		
Q6000	8-729-120-28	TRANSISTOR	2SC1623-L5L6
Q6001	8-729-600-22	TRANSISTOR	2SA1235-F
Q6002	8-729-120-28	TRANSISTOR	2SC1623-L5L6
Q6003	8-729-600-22	TRANSISTOR	2SA1235-F
Q6005	8-729-120-28	TRANSISTOR	2SC1623-L5L6
Q6006	8-729-600-22	TRANSISTOR	2SA1235-F
Q6007	8-729-120-28	TRANSISTOR	2SC1623-L5L6
Q6008	8-729-600-22	TRANSISTOR	2SA1235-F
Q6009	8-729-120-28	TRANSISTOR	2SC1623-L5L6
Q6010	8-729-600-22	TRANSISTOR	2SA1235-F
Q6011	8-729-120-28	TRANSISTOR	2SC1623-L5L6
Q6012	8-729-120-28	TRANSISTOR	2SC1623-L5L6
Q6013	8-729-600-22	TRANSISTOR	2SA1235-F
Q6014	8-729-120-28	TRANSISTOR	2SC1623-L5L6
Q6015	8-729-120-28	TRANSISTOR	2SC1623-L5L6
Q6016	8-729-600-22	TRANSISTOR	2SA1235-F
Q6017	8-729-120-28	TRANSISTOR	2SC1623-L5L6
Q6018	8-729-600-22	TRANSISTOR	2SA1235-F
Q6600	8-729-120-28	TRANSISTOR	2SC1623-L5L6
Q6601	8-729-120-28	TRANSISTOR	2SC1623-L5L6
Q6602	8-729-120-28	TRANSISTOR	2SC1623-L5L6
Q6603	8-729-120-28	TRANSISTOR	2SC1623-L5L6
Q6604	8-729-600-22	TRANSISTOR	2SA1235-F
Q6605	8-729-600-22	TRANSISTOR	2SA1235-F
Q6901	8-729-028-28	TRANSISTOR	2SK2036(TE85L)
Q6902	8-729-028-28	TRANSISTOR	2SK2036(TE85L)
Q6904	8-729-120-28	TRANSISTOR	2SC1623-L5L6
Q6905	8-729-600-22	TRANSISTOR	2SA1235-F
Q6906	8-729-120-28	TRANSISTOR	2SC1623-L5L6
Q6907	8-729-120-28	TRANSISTOR	2SC1623-L5L6
Q6908	8-729-120-28	TRANSISTOR	2SC1623-L5L6
Q6909	8-729-120-28	TRANSISTOR	2SC1623-L5L6
Q6910	8-729-600-22	TRANSISTOR	2SA1235-F
Q6912	8-729-120-28	TRANSISTOR	2SC1623-L5L6
Q6913	8-729-600-22	TRANSISTOR	2SA1235-F
Q6914	8-729-600-22	TRANSISTOR	2SA1235-F
Q6915	8-729-120-28	TRANSISTOR	2SC1623-L5L6
Q6916	8-729-120-28	TRANSISTOR	2SC1623-L5L6
Q6917	8-729-120-28	TRANSISTOR	2SC1623-L5L6

REF. NO.	PART NO.	DESCRIPTION	VALUES		
	RESISTOR				
R6003	1-216-296-11	SHORT CHIP			
R6011	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R6015	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R6017	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6018	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6019	1-216-845-11	METAL CHIP	100K	5%	1/10W
R6020	1-216-797-11	METAL CHIP	10	5%	1/10W
R6021	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6022	1-218-867-11	METAL CHIP	6.8K	0.50%	1/10W
R6023	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6024	1-216-845-11	METAL CHIP	100K	5%	1/10W
R6025	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6026	1-216-864-11	SHORT CHIP			
R6028	1-218-716-11	METAL CHIP	10K	0.50%	1/10W
R6029	1-216-845-11	METAL CHIP	100K	5%	1/10W
R6030	1-216-864-11	SHORT CHIP			
R6031	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6032	1-216-864-11	SHORT CHIP			
R6033	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6034	1-216-797-11	METAL CHIP	10	5%	1/10W
R6035	1-216-801-11	METAL CHIP	22	5%	1/10W
R6036	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6037	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6038	1-216-801-11	METAL CHIP	22	5%	1/10W
R6039	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6040	1-218-722-11	METAL CHIP	18K	0.50%	1/10W
R6041	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6042	1-218-867-11	METAL CHIP	6.8K	0.50%	1/10W
R6043	1-216-845-11	METAL CHIP	100K	5%	1/10W
R6044	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6045	1-216-845-11	METAL CHIP	100K	5%	1/10W
R6046	1-216-797-11	METAL CHIP	10	5%	1/10W
R6047	1-216-864-11	SHORT CHIP			
R6050	1-218-716-11	METAL CHIP	10K	0.50%	1/10W
R6051	1-216-845-11	METAL CHIP	100K	5%	1/10W
R6052	1-218-867-11	METAL CHIP	6.8K	0.50%	1/10W
R6053	1-218-722-11	METAL CHIP	18K	0.50%	1/10W
R6054	1-216-864-11	SHORT CHIP			
R6055	1-216-824-11	METAL CHIP	1.8K	5%	1/10W
R6057	1-218-716-11	METAL CHIP	10K	0.50%	1/10W

GK

REF. NO.	PART NO.	DESCRIPTION	VALUES		
R6058	1-218-722-11	METAL CHIP	18K	0.50%	1/10W
R6059	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6060	1-216-809-11	METAL CHIP	100	5%	1/10W
R6061	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6062	1-216-809-11	METAL CHIP	100	5%	1/10W
R6063	1-216-845-11	METAL CHIP	100K	5%	1/10W
R6065	1-218-716-11	METAL CHIP	10K	0.50%	1/10W
R6070	1-218-722-11	METAL CHIP	18K	0.50%	1/10W
R6071	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6072	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6073	1-216-864-11	SHORT CHIP			
R6074	1-216-864-11	SHORT CHIP			
R6076	1-216-864-11	SHORT CHIP			
R6077	1-216-857-11	METAL CHIP	1M	5%	1/10W
R6078	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6079	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6080	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6081	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6082	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6083	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R6085	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6091	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6106	1-216-864-11	SHORT CHIP			
R6107	1-216-864-11	SHORT CHIP			
R6110	1-216-814-11	METAL CHIP	270	5%	1/10W
R6111	1-216-864-11	SHORT CHIP			
R6112	1-216-864-11	SHORT CHIP			
R6116	1-216-864-11	SHORT CHIP			
R6117	1-216-864-11	SHORT CHIP			
R6118	1-216-864-11	SHORT CHIP			
R6121	1-216-809-11	METAL CHIP	100	5%	1/10W
R6122	1-216-864-11	SHORT CHIP			
R6123	1-216-864-11	SHORT CHIP			
R6124	1-216-809-11	METAL CHIP	100	5%	1/10W
R6126	1-216-864-11	SHORT CHIP			
R6127	1-216-864-11	SHORT CHIP			
R6128	1-216-864-11	SHORT CHIP			
R6129	1-216-809-11	METAL CHIP	100	5%	1/10W
R6130	1-216-809-11	METAL CHIP	100	5%	1/10W
R6134	1-216-864-11	SHORT CHIP			
R6135	1-216-864-11	SHORT CHIP			
R6136	1-216-864-11	SHORT CHIP			
R6137	1-216-864-11	SHORT CHIP			
R6138	1-216-864-11	SHORT CHIP			
R6139	1-216-857-11	METAL CHIP	1M	5%	1/10W
R6140	1-216-828-11	METAL CHIP	3.9K	5%	1/10W
R6141	1-216-826-11	METAL CHIP	2.7K	5%	1/10W
R6142	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R6143	1-216-864-11	SHORT CHIP			
R6144	1-216-864-11	SHORT CHIP			
R6145	1-216-864-11	SHORT CHIP			
R6146	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6147	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6148	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6149	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6150	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6151	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R6152	1-216-857-11	METAL CHIP	1M	5%	1/10W
R6153	1-216-864-11	SHORT CHIP			
R6154	1-216-864-11	SHORT CHIP			
R6155	1-216-864-11	SHORT CHIP			
R6156	1-216-864-11	SHORT CHIP			
R6157	1-216-864-11	SHORT CHIP			
R6158	1-216-864-11	SHORT CHIP			
R6159	1-216-864-11	SHORT CHIP			
R6160	1-216-864-11	SHORT CHIP			
R6161	1-216-864-11	SHORT CHIP			
R6162	1-216-864-11	SHORT CHIP			
R6163	1-216-864-11	SHORT CHIP			
R6166	1-216-864-11	SHORT CHIP			
R6168	1-216-823-11	METAL CHIP	1.5K	5%	1/10W
R6170	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6176	1-216-797-11	METAL CHIP	10	5%	1/10W
R6177	1-216-845-11	METAL CHIP	100K	5%	1/10W
R6178	1-216-845-11	METAL CHIP	100K	5%	1/10W
R6179	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6180	1-218-867-11	METAL CHIP	6.8K	0.50%	1/10W
R6181	1-216-864-11	SHORT CHIP			
R6184	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6185	1-216-833-11	METAL CHIP	10K	5%	1/10W

GK

REF. NO.	PART NO.	DESCRIPTION	VALUES		
R6186	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6190	1-216-864-11	SHORT CHIP			
R6194	1-216-864-11	SHORT CHIP			
R6198	1-218-698-11	METAL CHIP	1.8K	0.50%	1/10W
R6199	1-218-692-11	METAL CHIP	1K	0.50%	1/10W
R6201	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6208	1-216-864-11	SHORT CHIP			
R6213	1-216-864-11	SHORT CHIP			
R6214	1-216-864-11	SHORT CHIP			
R6215	1-216-864-11	SHORT CHIP			
R6217	1-216-864-11	SHORT CHIP			
R6218	1-216-864-11	SHORT CHIP			
R6219	1-216-864-11	SHORT CHIP			
R6221	1-216-864-11	SHORT CHIP			
R6222	1-216-864-11	SHORT CHIP			
R6601	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6602	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6603	1-216-864-11	SHORT CHIP			
R6604	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6605	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6606	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R6607	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R6608	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R6609	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R6610	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6611	1-216-813-11	METAL CHIP	220	5%	1/10W
R6612	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6613	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6615	1-216-813-11	METAL CHIP	220	5%	1/10W
R6616	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6618	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6619	1-249-385-11	CARBON	2.2	5%	1/4W
R6620	1-249-385-11	CARBON	2.2	5%	1/4W
R6621	1-249-429-11	CARBON	10K	5%	1/4W
R6622	1-249-429-11	CARBON	10K	5%	1/4W
R6623	1-216-864-11	SHORT CHIP			
R6625	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R6626	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R6627	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6628	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R6629	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R6848	1-216-801-11	METAL CHIP	22	5%	1/10W
R6849	1-216-801-11	METAL CHIP	22	5%	1/10W
R6851	1-216-864-11	SHORT CHIP			
R6852	1-216-864-11	SHORT CHIP			
R6853	1-216-864-11	SHORT CHIP			
R6856	1-216-864-11	SHORT CHIP			
R6857	1-216-864-11	SHORT CHIP			
R6858	1-216-864-11	SHORT CHIP			
R6859	1-216-809-11	METAL CHIP	100	5%	1/10W
R6864	1-216-864-11	SHORT CHIP			
R6865	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6866	1-216-864-11	SHORT CHIP			
R6867	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6868	1-216-845-11	METAL CHIP	100K	5%	1/10W
R6869	1-216-845-11	METAL CHIP	100K	5%	1/10W
R6870	1-216-845-11	METAL CHIP	100K	5%	1/10W
R6873	1-216-809-11	METAL CHIP	100	5%	1/10W
R6874	1-216-845-11	METAL CHIP	100K	5%	1/10W
R6876	1-216-864-11	SHORT CHIP			
R6877	1-216-864-11	SHORT CHIP			
R6878	1-216-837-11	METAL CHIP	22K	5%	1/10W
R6880	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6881	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6882	1-216-809-11	METAL CHIP	100	5%	1/10W
R6883	1-216-864-11	SHORT CHIP			
R6884	1-216-864-11	SHORT CHIP			
R6885	1-216-864-11	SHORT CHIP			
R6886	1-216-864-11	SHORT CHIP			
R6887	1-216-864-11	SHORT CHIP			
R6888	1-216-864-11	SHORT CHIP			
R6889	1-216-809-11	METAL CHIP	100	5%	1/10W
R6890	1-216-809-11	METAL CHIP	100	5%	1/10W
R6893	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6896	1-216-823-11	METAL CHIP	1.5K	5%	1/10W
R6897	1-216-864-11	SHORT CHIP			
R6898	1-218-654-11	METAL CHIP	27	0.50%	1/10W
R6899	1-218-654-11	METAL CHIP	27	0.50%	1/10W
R6901	1-216-805-11	METAL CHIP	47	5%	1/10W
R6902	1-216-864-11	SHORT CHIP			

GK

REF. NO.	PART NO.	DESCRIPTION	VALUES		
R6904	1-216-864-11	SHORT CHIP			
R6905	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R6906	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6907	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6908	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R6909	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R6910	1-216-809-11	METAL CHIP	100	5%	1/10W
R6911	1-216-809-11	METAL CHIP	100	5%	1/10W
R6912	1-216-809-11	METAL CHIP	100	5%	1/10W
R6913	1-216-864-11	SHORT CHIP			
R6914	1-216-801-11	METAL CHIP	22	5%	1/10W
R6915	1-216-801-11	METAL CHIP	22	5%	1/10W
R6916	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R6918	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6919	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6920	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6921	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6922	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6924	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6925	1-216-864-11	SHORT CHIP			
R6926	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6927	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6928	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6929	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6930	1-216-857-11	METAL CHIP	1M	5%	1/10W
R6931	1-216-841-11	METAL CHIP	47K	5%	1/10W
R6932	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6933	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6934	1-216-809-11	METAL CHIP	100	5%	1/10W
R6935	1-216-845-11	METAL CHIP	100K	5%	1/10W
R6936	1-216-841-11	METAL CHIP	47K	5%	1/10W
R6937	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6938	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6939	1-216-809-11	METAL CHIP	100	5%	1/10W
R6940	1-216-841-11	METAL CHIP	47K	5%	1/10W
R6941	1-216-845-11	METAL CHIP	100K	5%	1/10W
R6942	1-216-839-11	METAL CHIP	33K	5%	1/10W
R6943	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6944	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6945	1-216-833-11	METAL CHIP	10K	5%	1/10W

REF. NO.	PART NO.	DESCRIPTION	VALUES		
R6946	1-216-809-11	METAL CHIP	100	5%	1/10W
R6947	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6948	1-216-837-11	METAL CHIP	22K	5%	1/10W
R6949	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6950	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6951	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6952	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6953	1-216-837-11	METAL CHIP	22K	5%	1/10W
R6954	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6955	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6956	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6957	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R6958	1-216-864-11	SHORT CHIP			
R6959	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6960	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6961	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6962	1-216-814-11	METAL CHIP	270	5%	1/10W
R6963	1-216-809-11	METAL CHIP	100	5%	1/10W
R6964	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6966	1-216-801-11	METAL CHIP	22	5%	1/10W
R6967	1-216-801-11	METAL CHIP	22	5%	1/10W
R6968	1-216-813-11	METAL CHIP	220	5%	1/10W
R6970	1-216-809-11	METAL CHIP	100	5%	1/10W
R6971	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6972	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6973	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6974	1-216-864-11	SHORT CHIP			
R6976	1-216-864-11	SHORT CHIP			
R6978	1-216-845-11	METAL CHIP	100K	5%	1/10W
R6979	1-216-864-11	SHORT CHIP			
R6980	1-216-809-11	METAL CHIP	100	5%	1/10W
R6981	1-216-809-11	METAL CHIP	100	5%	1/10W
R6982	1-216-841-11	METAL CHIP	47K	5%	1/10W
R6983	1-216-809-11	METAL CHIP	100	5%	1/10W
R6984	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6985	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6986	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6988	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6989	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6990	1-216-864-11	SHORT CHIP			

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GK GM

REF. NO.	PART NO.	DESCRIPTION	VALUES		
R6993	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6995	1-216-864-11	SHORT CHIP			
R6996	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6999	1-216-833-11	METAL CHIP	10K	5%	1/10W
		RESISTOR BRIDGE			
RB6901	1-236-908-11	NETWORK RESISTOR(CHIP)	10K		
RB6902	1-236-908-11	NETWORK RESISTOR(CHIP)	10K		
		CRYSTAL			
X6900	1-767-419-21	VIBRATOR, CRYSTAL			

GM

*** A-1109-407-A GM BOARD, COMPLETE**
(SN 9,000,001 TO 9,099,999 AND 9,800,000 TO 9,899,999 ONLY)
*** A-1171-842-A GM BOARD, COMPLETE**
(SN 9,100,001 TO 9,799,999 AND 9,900,000 AND UP ONLY)
4-382-854-01 SCREW (M3X8), P, SW (+)

REF. NO.	PART NO.	DESCRIPTION	VALUES		
		CAPACITOR			
⚠ C1600	1-165-530-31	MYLAR	0.47µF	10	0V
⚠ C1601	1-119-888-51	CERAMIC	2200pF	20%	250V
⚠ C1602	1-119-888-51	CERAMIC	2200pF	20%	250V
⚠ C1603	1-165-530-31	MYLAR	0.47µF	10	0V
⚠ C1604	1-161-964-91	CERAMIC	0.0047µF		250V
⚠ C1605	1-161-964-91	CERAMIC	0.0047µF		250V
⚠ C1606	1-161-964-91	CERAMIC	0.0047µF		250V
⚠ C1607	1-161-964-91	CERAMIC	0.0047µF		250V
C1608	1-126-934-11	ELECT	220µF	20%	16V
C1609	1-100-803-11	ELECT(BLOCK)	220µF	20%	250V
C1610	1-126-963-11	ELECT	4.7µF	20%	50V
C1611	1-126-963-11	ELECT	4.7µF	20%	50V
⚠ C1612	1-165-530-31	MYLAR	0.47µF	10	0V
C1613	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C1614	1-164-217-11	CERAMIC CHIP	150pF	5%	50V
C1615	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C1618	1-137-365-11	MYLAR	0.0015µF	5%	50V
C1619	1-126-950-11	ELECT	330µF	20%	35V
C1620	1-162-116-00	CERAMIC	680pF	10%	2KV
C1622	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C1623	1-136-479-11	FILM	0.001µF	5%	100V
C1624	1-126-967-11	ELECT	47µF	20%	50V
C1625	1-126-962-11	ELECT	3.3µF	20%	50V
C1626	1-126-964-11	ELECT	10µF	20%	50V
C1627	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
⚠ C1629	1-131-940-11	ELECT	1200µF	20%	250V
⚠ C1630	1-131-940-11	ELECT	1200µF	20%	250V
C1632	1-107-824-11	CERAMIC	220pF	5%	1KV
C1633	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C1634	1-126-947-11	ELECT	47µF	20%	35V
C1635	1-136-497-81	FILM	0.1µF	5%	50V
C1636	1-137-852-21	ELECT	3300µF	20%	16V
C1637	1-164-227-11	CERAMIC CHIP	0.022µF	10%	25V
C1639	1-126-935-11	ELECT	470µF	20%	16V
C1640	1-107-824-11	CERAMIC	220pF	5%	1KV
C1641	1-107-824-11	CERAMIC	220pF	5%	1KV
C1642	1-126-969-11	ELECT	220µF	20%	50V
C1644	1-126-947-11	ELECT	47µF	20%	35V
C1645	1-165-954-11	FILM	56000pF	3%	800V
C1647	1-126-947-11	ELECT	47µF	20%	35V
C1651	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C1652	1-137-190-91	FILM	0.22µF	5%	50V
C1653	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C1654	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C1655	1-126-768-11	ELECT	2200µF	20%	16V
C1656	1-126-940-11	ELECT	330µF	20%	25V
C1657	1-126-768-11	ELECT	2200µF	20%	16V
C1658	1-128-550-11	ELECT	2200µF	20%	50V
C1659	1-126-768-11	ELECT	2200µF	20%	16V
C1660	1-126-933-11	ELECT	100µF	20%	16V
C1666	1-126-964-11	ELECT	10µF	20%	50V
C1667	1-100-714-11	ELECT	100µF	20%	400V
C1668	1-126-767-11	ELECT	1000µF	20%	16V
C1669	1-126-768-11	ELECT	2200µF	20%	16V
C1670	1-126-767-11	ELECT	1000µF	20%	16V
C1672	1-161-830-00	CERAMIC	0.0047µF		500V
C1673	1-100-714-11	ELECT	100µF	20%	400V

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GM

	REF. NO.	PART NO.	DESCRIPTION	VALUES	
		CONNECTOR			
*	CN1602	1-580-843-11	PIN, CONNECTOR (POWER)		
	CN1603	1-695-915-11	TAB (CONTACT)		
	CN1604	1-695-915-11	TAB (CONTACT)		
	CN1605	1-695-915-11	TAB (CONTACT)		
	CN1606	1-695-915-11	TAB (CONTACT)		
	CN1607	1-695-915-11	TAB (CONTACT)		
*	CN1608	1-691-960-21	PIN, CONNECTOR (PC BOARD)		
*	CN1610	1-793-923-11	CONNECTOR, DIN (PLUG)		64P
	CN1612	1-764-101-11	PIN, CONNECTOR (PC BOARD)		2P
		DIODE			
	D1600	8-719-000-08	DIODE	MC2838	
		(SN 9,000,001 TO 9,099,999 AND 9,800,000 TO 9,899,999 ONLY)			
	D1600	6-500-335-01	DIODE	MC2838-T112-1	
		(SN 9,100,001 TO 9,799,999 AND 9,900,000 AND UP ONLY)			
	D1601	8-719-948-45	DIODE	ERA22-08	
⚠	D1602	8-719-077-76	DIODE	D2SB60A-F04	
	D1603	8-719-000-08	DIODE	MC2838	
		(SN 9,000,001 TO 9,099,999 AND 9,800,000 TO 9,899,999 ONLY)			
	D1603	6-500-335-01	DIODE	MC2838-T112-1	
		(SN 9,100,001 TO 9,799,999 AND 9,900,000 AND UP ONLY)			
	D1604	8-719-000-08	DIODE	MC2838	
		(SN 9,000,001 TO 9,099,999 AND 9,800,000 TO 9,899,999 ONLY)			
	D1604	6-500-335-01	DIODE	MC2838-T112-1	
		(SN 9,100,001 TO 9,799,999 AND 9,900,000 AND UP ONLY)			
	D1605	8-719-000-08	DIODE	MC2838	
		(SN 9,000,001 TO 9,099,999 AND 9,800,000 TO 9,899,999 ONLY)			
	D1605	6-500-335-01	DIODE	MC2838-T112-1	
		(SN 9,100,001 TO 9,799,999 AND 9,900,000 AND UP ONLY)			
	D1606	6-500-567-31	DIODE	10ERB20-TB3	
	D1607	8-719-160-65	DIODE	RD16FB2	
	D1608	8-719-110-08	DIODE	RD8.2ESB2	
	D1609	6-500-567-31	DIODE	10ERB20-TB3	
	D1610	8-719-948-45	DIODE	ERA22-08	
	D1611	8-719-082-03	DIODE	MM3Z15VT1	
⚠	D1612	8-719-510-53	DIODE	D4SB60L	
	D1614	8-719-057-96	DIODE	D10SC6M-4012	
	D1615	8-719-979-64	DIODE	UF4005/23	
	D1617	6-501-223-01	DIODE	S3G	
	D1618	6-501-223-01	DIODE	S3G	
	D1621	6-500-567-31	DIODE	10ERB20-TB3	
	D1622	8-719-000-08	DIODE	MC2838	
		(SN 9,000,001 TO 9,099,999 AND 9,800,000 TO 9,899,999 ONLY)			
	D1622	6-500-335-01	DIODE	MC2838-T112-1	
		(SN 9,100,001 TO 9,799,999 AND 9,900,000 AND UP ONLY)			
	D1624	8-719-510-12	DIODE	D10SC4M	
⚠	D1625	8-719-060-89	DIODE	D4SBS6-F	
	D1626	8-719-075-66	DIODE	D5LC20U-4012	
	D1627	8-719-510-12	DIODE	D10SC4M	
	D1628	8-719-028-45	DIODE	D2L20U	
	D1629	8-719-000-08	DIODE	MC2838	
		(SN 9,000,001 TO 9,099,999 AND 9,800,000 TO 9,899,999 ONLY)			
	D1629	6-500-335-01	DIODE	MC2838-T112-1	
		(SN 9,100,001 TO 9,799,999 AND 9,900,000 AND UP ONLY)			
	D1630	8-719-064-49	DIODE	D4SBL40	
	D1631	8-719-000-08	DIODE	MC2838	
		(SN 9,000,001 TO 9,099,999 AND 9,800,000 TO 9,899,999 ONLY)			
	D1631	6-500-335-01	DIODE	MC2838-T112-1	
		(SN 9,100,001 TO 9,799,999 AND 9,900,000 AND UP ONLY)			
	D1632	8-719-000-08	DIODE	MC2838	
		(SN 9,000,001 TO 9,099,999 AND 9,800,000 TO 9,899,999 ONLY)			
	D1632	6-500-335-01	DIODE	MC2838-T112-1	
		(SN 9,100,001 TO 9,799,999 AND 9,900,000 AND UP ONLY)			
	D1633	8-719-082-03	DIODE	MM3Z15VT1	
	D1634	8-719-000-08	DIODE	MC2838	
		(SN 9,000,001 TO 9,099,999 AND 9,800,000 TO 9,899,999 ONLY)			
	D1634	6-500-335-01	DIODE	MC2838-T112-1	
		(SN 9,100,001 TO 9,799,999 AND 9,900,000 AND UP ONLY)			
	D1635	8-719-000-08	DIODE	MC2838	
		(SN 9,000,001 TO 9,099,999 AND 9,800,000 TO 9,899,999 ONLY)			
	D1635	6-500-335-01	DIODE	MC2838-T112-1	
		(SN 9,100,001 TO 9,799,999 AND 9,900,000 AND UP ONLY)			
		FUSE			
⚠	F1600	1-532-506-32	FUSE	6.3A	250V
		FERRITE BEAD			
	FB1602	1-410-396-41	FERRITE	0.45µH	
	FB1603	1-410-396-41	FERRITE	0.45µH	
	FB1604	1-410-396-41	FERRITE	0.45µH	
		FUSE HOLDER			
⚠	FH1600	1-533-223-11	FUSE HOLDER	0A	0V
⚠	FH1601	1-533-223-11	FUSE HOLDER	0A	0V

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GM

REF. NO.	PART NO.	DESCRIPTION	VALUES
	SPARK GAP		
GD1600	1-576-487-11	ELEMENT, SPARK	
	IC		
IC1600	6-708-175-01	IC	MR4010-7103
IC1601	6-705-810-01	IC	MCZ3001DB
IC1602	8-759-682-42	IC	MM1431ATT
IC1603	6-705-464-01	IC	BA50BC0T
IC1604	8-759-682-42	IC	MM1431ATT
IC1605	8-759-470-65	IC	PQ05RD1BJ00H
IC1606	6-708-388-01	IC	KA278RA05CYDTU
IC1607	8-759-470-65	IC	PQ05RD1BJ00H
IC1608	8-759-460-00	IC	PQ09RD1BJ00H
	COIL		
⚠ L1600	1-456-859-11	LINE FILTER COIL	
⚠ L1601	1-456-859-11	LINE FILTER COIL	
L1602	1-406-658-21	INDUCTOR	6.8µH
L1603	1-412-525-31	INDUCTOR	10µH
L1604	1-414-488-21	INDUCTOR	1.5µH
L1605	1-414-488-21	INDUCTOR	1.5µH
L1606	1-412-525-31	INDUCTOR	10µH
L1607	1-406-983-11	INDUCTOR	1MH
	PHOTO COUPLER		
⚠ PH1600	6-600-187-01	PHOTO COUPLER	PC123Y22JOOF
⚠ PH1601	6-600-187-01	PHOTO COUPLER	PC123Y22JOOF
⚠ PH1602	6-600-187-01	PHOTO COUPLER	PC123Y22JOOF
	TRANSISTOR		
Q1600	8-729-120-28	TRANSISTOR	2SC1623-L5L6
Q1601	8-729-600-22	TRANSISTOR	2SA1235-F
Q1602	8-729-120-28	TRANSISTOR	2SC1623-L5L6
Q1603	6-550-882-01	TRANSISTOR 2SK3568(LBS2SONY,Q	
Q1604	6-550-882-01	TRANSISTOR 2SK3568(LBS2SONY,Q	
Q1605	8-729-054-36	TRANSISTOR	UPA1716G-E2
Q1606	8-729-120-28	TRANSISTOR	2SC1623-L5L6
Q1607	8-729-120-28	TRANSISTOR	2SC1623-L5L6

REF. NO.	PART NO.	DESCRIPTION	VALUES		
	RESISTOR				
⚠ R1600	1-219-568-91	METAL	8.2M	5%	1/2W
R1601	1-219-759-11	METAL	1M	5%	1/2W
R1602	1-244-206-11	WIREWOUND	2.2	5%	10W
R1603	1-249-389-11	CARBON	4.7	5%	1/4W
R1604	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R1605	1-260-328-11	CARBON	1K	5%	1/2W
R1606	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R1607	1-216-821-11	METAL CHIP	1K	5%	1/10W
⚠ R1609	1-202-933-61	FUSIBLE	0.1	10%	1/2W
R1610	1-249-389-11	CARBON	4.7	5%	1/4W
R1611	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R1612	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1613	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1614	1-216-835-11	METAL CHIP	15K	5%	1/10W
R1615	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1616	1-218-720-11	METAL CHIP	15K	0.50%	1/10W
R1617	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R1618	1-215-865-11	METAL OXIDE	220	5%	1W
R1619	1-216-349-00	METAL OXIDE	1	5%	1W
R1620	1-216-828-11	METAL CHIP	3.9K	5%	1/10W
R1621	1-216-344-00	METAL OXIDE	0.39	5%	1W
R1622	1-218-870-11	METAL CHIP	9.1K	0.50%	1/10W
R1623	1-218-823-11	METAL CHIP	100	0.50%	1/10W
R1625	1-218-877-11	METAL CHIP	18K	0.50%	1/10W
R1626	1-245-472-21	METAL	270K	1%	1/4W
R1627	1-245-471-21	METAL	240K	1%	1/4W
R1628	1-245-471-21	METAL	240K	1%	1/4W
R1629	1-245-471-21	METAL	240K	1%	1/4W
R1630	1-211-991-11	METAL CHIP	82	0.50%	1/10W
R1631	1-220-340-11	METAL CHIP	470K	5%	1/2W
R1632	1-220-340-11	METAL CHIP	470K	5%	1/2W
R1633	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1634	1-216-864-11	SHORT CHIP			
R1635	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R1636	1-249-417-11	CARBON	1K	5%	1/4W
R1637	1-249-393-11	CARBON	10	5%	1/4W
R1638	1-249-393-11	CARBON	10	5%	1/4W
R1639	1-202-933-61	FUSIBLE	0.1	10%	1/2W
R1640	1-218-708-11	METAL CHIP	4.7K	0.50%	1/10W
R1641	1-216-832-11	METAL CHIP	8.2K	5%	1/10W

NOTE: The components identified by shading and ⚠ mark are critical for safety. Replace only with part number specified.

NOTE: Les composants identifies per un trame et une marque ⚠ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

GM H1

REF. NO.	PART NO.	DESCRIPTION	VALUES		
R1643	1-218-871-11	METAL CHIP	10K	0.50%	1/10W
R1644	1-218-871-11	METAL CHIP	10K	0.50%	1/10W
R1645	1-218-702-11	METAL CHIP	2.7K	0.50%	1/10W
R1646	1-218-718-11	METAL CHIP	12K	0.50%	1/10W
R1647	1-245-494-31	METAL	2.2M	2%	1/4W
R1648	1-245-494-31	METAL	2.2M	2%	1/4W
R1649	1-216-845-11	METAL CHIP	100K	5%	1/10W
R1650	1-216-864-11	SHORT CHIP			
R1651	1-216-801-11	METAL CHIP	22	5%	1/10W
R1652	1-243-979-71	METAL OXIDE	0.1	5%	2W
R1653	1-243-979-71	METAL OXIDE	0.1	5%	2W
R1654	1-216-817-11	METAL CHIP	470	5%	1/10W
R1655	1-216-864-11	SHORT CHIP			
R1656	1-249-385-11	CARBON	2.2	5%	1/4W
R1657	1-216-815-11	METAL CHIP	330	5%	1/10W
R1659	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1661	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1662	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1663	1-260-288-11	CARBON	0.47	5%	1/2W
	(SN 9,000,001 TO 9,099,999 AND 9,800,000 TO 9,899,999 ONLY)				
R1663	1-410-396-41	FERRITE	0.45µH		
	(SN 9,100,001 TO 9,799,999 AND 9,900,000 AND UP ONLY)				
R1664	1-260-288-11	CARBON	0.47	5%	1/2W
	(SN 9,000,001 TO 9,099,999 AND 9,800,000 TO 9,899,999 ONLY)				
R1664	1-410-396-41	FERRITE	0.45µH		
	(SN 9,100,001 TO 9,799,999 AND 9,900,000 AND UP ONLY)				
R1666	1-216-864-11	SHORT CHIP			
R1667	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1668	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1669	1-216-349-00	METAL OXIDE	1	5%	1W
R1671	1-218-722-11	METAL CHIP	18K	0.50%	1/10W
R1672	1-218-708-11	METAL CHIP	4.7K	0.50%	1/10W
R1674	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1675	1-215-904-11	METAL OXIDE	100K	5%	2W
R1676	1-215-904-11	METAL OXIDE	100K	5%	2W
R1677	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1679	1-218-742-11	METAL CHIP	120K	0.50%	1/10W
R1680	1-218-692-11	METAL CHIP	1K	0.50%	1/10W
R1681	1-218-692-11	METAL CHIP	1K	0.50%	1/10W
R1682	1-202-933-61	FUSIBLE	0.1	10%	1/2W
R1683	1-216-864-11	SHORT CHIP			
R1684	1-216-864-11	SHORT CHIP			
R1685	1-216-864-11	SHORT CHIP			
R1686	1-216-864-11	SHORT CHIP			
R1687	1-216-828-11	METAL CHIP	3.9K	5%	1/10W

RELAY

⚠ RY1600	1-755-388-11	RELAY (AC POWER)	
⚠ RY1601	1-755-388-11	RELAY (AC POWER)	

TRANSFORMER

⚠ T1600	1-443-748-11	CONVERTER TRANSFORMER (SRT)	
⚠ T1601	1-443-747-11	CONVERTER TRANSFORMER (PIT)	
	(SN 9,000,001 TO 9,099,999 AND 9,800,000 TO 9,899,999 ONLY)		
⚠ T1601	1-443-868-11	CONVERTER TRANSFORMER (PIT)	
	(SN 9,100,001 TO 9,799,999 AND 9,900,000 AND UP ONLY)		

VARISTOR

VD1600	1-804-991-21	VARISTOR
VD1601	1-804-991-21	VARISTOR
⚠ VD1603	1-804-992-21	VARISTOR
VD1604	1-804-991-21	VARISTOR

H1

*	**A-1104-350-A**	**H1 BOARD, MOUNTED**			

CAPACITOR

C171	1-100-597-91	CERAMIC CHIP	0.1µF	10%	25V

CONNECTOR

CN171	1-580-057-11	PIN, CONNECTOR (SMD)	4P

DIODE

D171	8-719-069-55	DIODE	UDZSTE-175.6B

H1 H2 H3

REF. NO.	PART NO.	DESCRIPTION	VALUES		
	RESISTOR				
R171	1-218-684-11	METAL CHIP	470	0.50%	1/10W
R172	1-218-688-11	METAL CHIP	680	0.50%	1/10W
R173	1-218-692-11	METAL CHIP	1K	0.50%	1/10W
R174	1-218-700-11	METAL CHIP	2.2K	0.50%	1/10W
	SWITCH				
S171	1-762-196-21	SWITCH, TACTILE			
S172	1-762-196-21	SWITCH, TACTILE			
S173	1-762-196-21	SWITCH, TACTILE			
S174	1-762-196-21	SWITCH, TACTILE			
S175	1-762-196-21	SWITCH, TACTILE			
	VARISTOR				
VD171	1-803-974-21	VARISTOR, CHIP	(1608)		

H2

*	**A-1104-349-A**	**H2 BOARD, MOUNTED**				
	CAPACITOR					
C172	1-164-156-11	CERAMIC CHIP	0.1µF		25V	
C173	1-127-692-11	CERAMIC CHIP	10µF	10%	16V	
C4503	1-162-974-11	CERAMIC CHIP	0.01µF		50V	
C4504	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V	
C4506	1-162-974-11	CERAMIC CHIP	0.01µF		50V	
C4507	1-162-974-11	CERAMIC CHIP	0.01µF		50V	
C4508	1-162-974-11	CERAMIC CHIP	0.01µF		50V	
	CONNECTOR					
CN4502	1-770-626-21	PIN, CONNECTOR		9P		
	DIODE					
D4503	8-719-078-28	DIODE	SML-010LT-T86			
D4504	8-719-067-82	DIODE	SML-020MLTT86			
D4510	8-719-078-28	DIODE	SML-010LT-T86			

REF. NO.	PART NO.	DESCRIPTION	VALUES		
	IC				
IC171	6-600-210-01	IC	RPM7240-H8		
IC172	6-706-481-01	IC	TC7SET32FU(T5RSOJF)		
	TRANSISTOR				
Q4503	8-729-120-28	TRANSISTOR	2SC1623-L5L6		
Q4504	8-729-120-28	TRANSISTOR	2SC1623-L5L6		
Q4508	1-801-806-11	TR	DTC144EKA		
Q4509	1-801-806-11	TR	DTC144EKA		
Q4510	8-729-027-23	TRANSISTOR	DTA114EKA-T146		
Q4511	8-729-027-23	TRANSISTOR	DTA114EKA-T146		
	RESISTOR				
R175	1-216-805-11	METAL CHIP	47	5%	1/10W
R176	1-216-837-11	METAL CHIP	22K	5%	1/10W
R4502	1-216-813-11	METAL CHIP	220	5%	1/10W
R4504	1-216-809-11	METAL CHIP	100	5%	1/10W
R4505	1-216-864-11	SHORT CHIP			
R4506	1-216-833-11	METAL CHIP	10K	5%	1/10W
R4509	1-216-813-11	METAL CHIP	220	5%	1/10W
R4512	1-216-813-11	METAL CHIP	220	5%	1/10W
R4513	1-216-833-11	METAL CHIP	10K	5%	1/10W
R4514	1-216-864-11	SHORT CHIP			
R4515	1-216-864-11	SHORT CHIP			
R4516	1-216-813-11	METAL CHIP	220	5%	1/10W
R4517	1-216-833-11	METAL CHIP	10K	5%	1/10W
R4518	1-216-833-11	METAL CHIP	10K	5%	1/10W

H3

*	**A-1102-913-A**	**H3 BOARD, MOUNTED**				
	CAPACITOR					
C41	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V	
C42	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V	
C50	1-126-964-11	ELECT	10µF	20%	50V	
C51	1-126-964-11	ELECT	10µF	20%	50V	
C52	1-126-964-11	ELECT	10µF	20%	50V	

H3 H4 H5

	REF. NO.	PART NO.	DESCRIPTION	VALUES		
	C53	1-126-964-11	ELECT	10µF	20%	50V
	C70	1-162-974-11	CERAMIC CHIP	0.01µF		50V
	C77	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
			CONNECTOR			
	CN43	1-564-528-11	PLUG, CONNECTOR		13P	
			JACK			
	J40	1-818-765-11	S TERMINAL CONNECTOR			
*	J41	1-818-768-11	JACK, PIN		3P	
			RESISTOR			
	R41	1-216-864-11	SHORT CHIP			
	R42	1-216-864-11	SHORT CHIP			
	R43	1-216-821-11	METAL CHIP	1K	5%	1/10W
	R44	1-216-821-11	METAL CHIP	1K	5%	1/10W
	R45	1-216-864-11	SHORT CHIP			
	R46	1-216-849-11	METAL CHIP	220K	5%	1/10W
	R47	1-216-849-11	METAL CHIP	220K	5%	1/10W
	R48	1-218-665-11	METAL CHIP	75	0.50%	1/10W
	R50	1-218-665-11	METAL CHIP	75	0.50%	1/10W
	R59	1-216-864-11	SHORT CHIP			
	R60	1-216-864-11	SHORT CHIP			
	R75	1-216-821-11	METAL CHIP	1K	5%	1/10W
			VARISTOR			
	VD40	1-803-974-21	VARISTOR, CHIP	(1608)		
	VD41	1-803-974-21	VARISTOR, CHIP	(1608)		
	VD42	1-803-974-21	VARISTOR, CHIP	(1608)		
	VD43	1-803-974-21	VARISTOR, CHIP	(1608)		
	VD44	1-803-974-21	VARISTOR, CHIP	(1608)		

H4

*** A-1102-917-A H4 BOARD, MOUNTED**
(SN 9,000,001 TO 9,099,999 AND 9,800,000 TO 9,899,999 ONLY)

	REF. NO.	PART NO.	DESCRIPTION	VALUES		
			CAPACITOR			
	C44	1-162-919-11	CERAMIC CHIP	22pF	5%	50V
	C45	1-162-919-11	CERAMIC CHIP	22pF	5%	50V
	C58	1-126-933-11	ELECT	100µF	20%	16V
	C59	1-164-156-11	CERAMIC CHIP	0.1µF		25V
			CONNECTOR			
*	CN44	1-564-509-11	PLUG, CONNECTOR	6P		
			IC			
	IC41	6-707-223-01	IC	LM75BIM-5/NOPB		
			RESISTOR			
	R49	1-216-801-11	METAL CHIP	22	5%	1/10W
	R51	1-216-801-11	METAL CHIP	22	5%	1/10W
	R54	1-216-864-11	SHORT CHIP			
	R55	1-216-864-11	SHORT CHIP			
	R57	1-216-864-11	SHORT CHIP			

H5

*** A-1109-413-A H5 BOARD, COMPLETE**

	REF. NO.	PART NO.	DESCRIPTION	VALUES		
			CAPACITOR			
	C7301	1-162-974-11	CERAMIC CHIP	0.01µF		50V
			CONNECTOR			
*	CN7301	1-564-506-11	PLUG, CONNECTOR	3P		

KD

REF. NO.	PART NO.	DESCRIPTION	VALUES		
	RESISTOR				
R7205	1-216-864-11	SHORT CHIP			
	SWITCH				
S7301	1-692-431-21	SWITCH, TACTILE			

KD

*** A-1110-881-A KD BOARD, COMPLETE**
(SN 9,000,001 TO 9,099,999 AND 9,800,000 TO 9,899,999 ONLY)

	CAPACITOR				
C4747	1-162-967-11	CERAMIC CHIP	0.0033µF	10%	50V
C4752	1-162-967-11	CERAMIC CHIP	0.0033µF	10%	50V
C4755	1-162-923-11	CERAMIC CHIP	47pF	5%	50V
C4756	1-162-923-11	CERAMIC CHIP	47pF	5%	50V
C4757	1-162-923-11	CERAMIC CHIP	47pF	5%	50V
C4762	1-162-915-11	CERAMIC CHIP	10pF	0.50pF	50V
C4763	1-162-915-11	CERAMIC CHIP	10pF	0.50pF	50V
C4764	1-127-573-11	CERAMIC CHIP	1µF	10%	16V
C4765	1-128-994-21	ELECT CHIP	47µF	20%	10V
C4766	1-128-994-21	ELECT CHIP	47µF	20%	10V
C4767	1-128-994-21	ELECT CHIP	47µF	20%	10V
C4768	1-100-743-91	CERAMIC CHIP	2.2µF	20%	16V
C4769	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C4770	1-100-743-91	CERAMIC CHIP	2.2µF	20%	16V
C4771	1-125-827-91	CERAMIC CHIP	1µF	10%	25V
C4772	1-128-994-21	ELECT CHIP	47µF	20%	10V
C4773	1-124-779-00	ELECT CHIP	10µF	20%	16V
C4774	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C4776	1-164-156-11	CERAMIC CHIP	0.1µF		25V
C4777	1-163-989-11	CERAMIC CHIP	0.033µF	10%	25V
C4778	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C4780	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C4781	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C4784	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C4785	1-131-704-11	FILM	1µF	5%	50V
C4786	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C4788	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C4789	1-131-704-11	FILM	1µF	5%	50V
C4790	1-164-156-11	CERAMIC CHIP	0.1µF		25V
C4791	1-164-156-11	CERAMIC CHIP	0.1µF		25V
C4792	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C4793	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C4795	1-117-318-91	ELECT	2200µF	20%	25V
C4796	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C4797	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C4799	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C4801	1-115-340-11	CERAMIC CHIP	0.22µF	10%	25V
C4802	1-126-395-11	ELECT CHIP	22µF	20%	16V
C4803	1-164-156-11	CERAMIC CHIP	0.1µF		25V
C4804	1-163-989-11	CERAMIC CHIP	0.033µF	10%	25V
C4805	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C4806	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C4807	1-164-156-11	CERAMIC CHIP	0.1µF		25V
C4808	1-124-779-00	ELECT CHIP	10µF	20%	16V
C4809	1-164-156-11	CERAMIC CHIP	0.1µF		25V
C4811	1-162-923-11	CERAMIC CHIP	47pF	5%	50V
C4813	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C4814	1-125-827-91	CERAMIC CHIP	1µF	10%	25V
C4817	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C4818	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C4820	1-126-193-11	ELECT CHIP	1µF	20%	50V
C4821	1-126-193-11	ELECT CHIP	1µF	20%	50V
C4822	1-115-340-11	CERAMIC CHIP	0.22µF	10%	25V
C4823	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C4825	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C4827	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C4828	1-128-006-11	ELECT CHIP	4.7µF	20%	25V
C4829	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C4830	1-125-827-91	CERAMIC CHIP	1µF	10%	25V
C4831	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C4832	1-115-340-11	CERAMIC CHIP	0.22µF	10%	25V
C4836	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C4837	1-162-923-11	CERAMIC CHIP	47pF	5%	50V
C4838	1-163-989-11	CERAMIC CHIP	0.033µF	10%	25V
C4839	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V

KD

REF. NO.	PART NO.	DESCRIPTION	VALUES		
C4840	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C4842	1-115-340-11	CERAMIC CHIP	0.22µF	10%	25V
C4844	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C4845	1-131-704-11	FILM	1µF	5%	50V
C4846	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C4847	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C4848	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C4850	1-131-704-11	FILM	1µF	5%	50V
C4851	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C4852	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C4854	1-117-318-91	ELECT	2200µF	20%	25V
C4855	1-117-681-11	ELECT CHIP	100µF	20%	16V
C4856	1-117-681-11	ELECT CHIP	100µF	20%	16V
C4857	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C4858	1-100-566-91	CERAMIC CHIP	0.1µF	10%	25V
C4859	1-163-989-11	CERAMIC CHIP	0.033µF	10%	25V
C4862	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C4864	1-125-827-91	CERAMIC CHIP	1µF	10%	25V
C4866	1-128-401-11	ELECT CHIP	100µF	20%	25V
C4867	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C4868	1-128-401-11	ELECT CHIP	100µF	20%	25V
C4870	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C4871	1-124-779-00	ELECT CHIP	10µF	20%	16V
C4901	1-127-931-21	ELECT CHIP	470µF	20%	16V
C4910	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C4911	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C4912	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C4913	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V

CONNECTOR

*	CN4702	1-779-944-11	PIN, CONNECTOR (PC BOARD)	4P
*	CN4703	1-793-497-11	CONNECTOR, BOARD TO BOARD	40P
	CN4705	1-764-101-11	PIN, CONNECTOR (PC BOARD)	2P

DIODE

D4709	8-719-404-50	DIODE	MA111-TX
D4710	8-719-404-50	DIODE	MA111-TX
D4718	8-719-989-00	DIODE	DA221
D4721	8-719-073-35	DIODE	RB551V-30TE-17
D4722	8-719-073-35	DIODE	RB551V-30TE-17
D4723	8-719-989-00	DIODE	DA221
D4901	8-719-404-50	DIODE	MA111-TX
D4902	8-719-421-15	DIODE	MA8027-L

FERRITE BEAD

FB4701	1-216-864-11	SHORT CHIP	
FB4709	1-216-864-11	SHORT CHIP	
FB4710	1-216-864-11	SHORT CHIP	
FB4711	1-216-864-11	SHORT CHIP	
FB4712	1-216-864-11	SHORT CHIP	
FB4713	1-216-864-11	SHORT CHIP	
FB4714	1-216-864-11	SHORT CHIP	
FB4715	1-216-864-11	SHORT CHIP	

IC

IC4704	8-759-832-05	IC	BA18BC0FP-E2
IC4705	8-759-242-70	IC	TC7WU04F
IC4706	6-701-834-01	IC	PCM1802DBR
IC4707	6-705-979-01	IC	CXD9788AR
IC4708	6-704-802-01	IC	CXD9774M
IC4710	6-704-802-01	IC	CXD9774M
IC4711	8-759-548-99	IC	SN74LV08APWR
IC4712	8-759-460-81	IC	BA12FP-E2

COIL

L4706	1-469-555-21	INDUCTOR	10µH
L4707	1-469-555-21	INDUCTOR	10µH
L4708	1-456-813-11	COIL, AIR-CORE	
L4709	1-456-864-11	INDUCTOR	11µH
L4710	1-456-864-11	INDUCTOR	11µH
L4711	1-456-813-11	COIL, AIR-CORE	
L4712	1-456-813-11	COIL, AIR-CORE	
L4713	1-456-864-11	INDUCTOR	11µH
L4714	1-456-864-11	INDUCTOR	11µH
L4715	1-414-487-41	INDUCTOR	1µH
L4716	1-456-813-11	COIL, AIR-CORE	
L4717	1-469-555-21	INDUCTOR	10µH
* LP4701	4-042-408-02	PIN(45), WIRE	
* LP4702	4-042-408-02	PIN(45), WIRE	

KD

REF. NO.	PART NO.	DESCRIPTION	VALUES		
	IC LINK				
PS4702	1-576-488-21	FUSE	3.15A		72V
PS4703	1-576-488-21	FUSE	3.15A		72V
	TRANSISTOR				
Q4703	6-550-585-01	TRANSISTOR	2PC4081R-115		
Q4704	6-550-586-01	TRANSISTOR	2PA1576R-115		
Q4705	6-550-586-01	TRANSISTOR	2PA1576R-115		
Q4706	6-550-586-01	TRANSISTOR	2PA1576R-115		
Q4707	6-550-586-01	TRANSISTOR	2PA1576R-115		
Q4708	6-550-585-01	TRANSISTOR	2PC4081R-115		
Q4709	6-550-586-01	TRANSISTOR	2PA1576R-115		
Q4711	6-550-585-01	TRANSISTOR	2PC4081R-115		
Q4901	6-550-586-01	TRANSISTOR	2PA1576R-115		
Q4902	6-550-585-01	TRANSISTOR	2PC4081R-115		
	RESISTOR				
R4721	1-220-281-11	METAL CHIP	4.7K	5%	1/4W
R4722	1-220-281-11	METAL CHIP	4.7K	5%	1/4W
R4725	1-216-821-11	METAL CHIP	1K	5%	1/10W
R4752	1-216-817-11	METAL CHIP	470	5%	1/10W
R4753	1-216-847-11	METAL CHIP	150K	5%	1/10W
R4754	1-216-857-11	METAL CHIP	1M	5%	1/10W
R4755	1-216-844-11	METAL CHIP	82K	5%	1/10W
R4756	1-216-845-11	METAL CHIP	100K	5%	1/10W
R4757	1-216-846-11	METAL CHIP	120K	5%	1/10W
R4758	1-216-845-11	METAL CHIP	100K	5%	1/10W
R4759	1-216-845-11	METAL CHIP	100K	5%	1/10W
R4760	1-216-846-11	METAL CHIP	120K	5%	1/10W
R4761	1-216-845-11	METAL CHIP	100K	5%	1/10W
R4762	1-220-281-11	METAL CHIP	4.7K	5%	1/4W
R4763	1-216-809-11	METAL CHIP	100	5%	1/10W
R4764	1-216-809-11	METAL CHIP	100	5%	1/10W
R4765	1-216-864-11	SHORT CHIP			
R4767	1-216-809-11	METAL CHIP	100	5%	1/10W
R4768	1-216-864-11	SHORT CHIP			
R4770	1-216-813-11	METAL CHIP	220	5%	1/10W
R4771	1-216-821-11	METAL CHIP	1K	5%	1/10W
R4772	1-216-809-11	METAL CHIP	100	5%	1/10W
R4774	1-216-864-11	SHORT CHIP			
R4775	1-216-864-11	SHORT CHIP			
R4776	1-216-864-11	SHORT CHIP			

REF. NO.	PART NO.	DESCRIPTION	VALUES		
R4778	1-216-864-11	SHORT CHIP			
R4779	1-220-942-11	METAL CHIP	3.3	1%	1/4W
R4780	1-216-864-11	SHORT CHIP			
R4781	1-218-708-11	METAL CHIP	4.7K	0.50%	1/10W
R4782	1-220-942-11	METAL CHIP	3.3	1%	1/4W
R4783	1-218-708-11	METAL CHIP	4.7K	0.50%	1/10W
R4784	1-216-864-11	SHORT CHIP			
R4785	1-216-821-11	METAL CHIP	1K	5%	1/10W
R4786	1-216-864-11	SHORT CHIP			
R4787	1-216-790-11	METAL CHIP	2.7	5%	1/10W
R4788	1-216-864-11	SHORT CHIP			
R4789	1-216-864-11	SHORT CHIP			
R4791	1-216-864-11	SHORT CHIP			
R4792	1-216-818-11	METAL CHIP	560	5%	1/10W
R4793	1-216-822-11	METAL CHIP	1.2K	5%	1/10W
R4794	1-216-837-11	METAL CHIP	22K	5%	1/10W
R4796	1-216-809-11	METAL CHIP	100	5%	1/10W
R4797	1-216-833-11	METAL CHIP	10K	5%	1/10W
R4798	1-216-864-11	SHORT CHIP			
R4799	1-216-833-11	METAL CHIP	10K	5%	1/10W
R4801	1-216-790-11	METAL CHIP	2.7	5%	1/10W
R4802	1-216-864-11	SHORT CHIP			
R4804	1-216-821-11	METAL CHIP	1K	5%	1/10W
R4805	1-216-809-11	METAL CHIP	100	5%	1/10W
R4806	1-216-809-11	METAL CHIP	100	5%	1/10W
R4807	1-216-809-11	METAL CHIP	100	5%	1/10W
R4808	1-216-833-11	METAL CHIP	10K	5%	1/10W
R4811	1-216-790-11	METAL CHIP	2.7	5%	1/10W
R4814	1-216-818-11	METAL CHIP	560	5%	1/10W
R4815	1-216-837-11	METAL CHIP	22K	5%	1/10W
R4816	1-216-833-11	METAL CHIP	10K	5%	1/10W
R4819	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R4820	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R4822	1-216-833-11	METAL CHIP	10K	5%	1/10W
R4823	1-216-864-11	SHORT CHIP			
R4824	1-216-790-11	METAL CHIP	2.7	5%	1/10W
R4826	1-216-864-11	SHORT CHIP			
R4827	1-220-942-11	METAL CHIP	3.3	1%	1/4W
R4828	1-216-864-11	SHORT CHIP			
R4829	1-218-708-11	METAL CHIP	4.7K	0.50%	1/10W

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REF. NO.	PART NO.	DESCRIPTION	VALUES		
R4830	1-216-833-11	METAL CHIP	10K	5%	1/10W
R4831	1-216-833-11	METAL CHIP	10K	5%	1/10W
R4832	1-220-942-11	METAL CHIP	3.3	1%	1/4W
R4833	1-218-708-11	METAL CHIP	4.7K	0.50%	1/10W
R4834	1-216-864-11	SHORT CHIP			
R4835	1-216-864-11	SHORT CHIP			
R4837	1-216-864-11	SHORT CHIP			
R4841	1-215-872-11	METAL OXIDE	3.3K	5%	1W
R4842	1-216-822-11	METAL CHIP	1.2K	5%	1/10W
R4843	1-216-797-11	METAL CHIP	10	5%	1/10W
R4845	1-216-821-11	METAL CHIP	1K	5%	1/10W
R4846	1-216-822-11	METAL CHIP	1.2K	5%	1/10W
R4848	1-216-821-11	METAL CHIP	1K	5%	1/10W
R4850	1-216-809-11	METAL CHIP	100	5%	1/10W
R4851	1-216-809-11	METAL CHIP	100	5%	1/10W
R4852	1-216-809-11	METAL CHIP	100	5%	1/10W
R4853	1-216-809-11	METAL CHIP	100	5%	1/10W
R4854	1-216-864-11	SHORT CHIP			
R4858	1-216-833-11	METAL CHIP	10K	5%	1/10W
R4860	1-216-864-11	SHORT CHIP			
R4861	1-216-864-11	SHORT CHIP			
R4862	1-249-393-11	CARBON	10	5%	1/4W
R4863	1-216-864-11	SHORT CHIP			
R4864	1-216-864-11	SHORT CHIP			
R4865	1-216-864-11	SHORT CHIP			
R4866	1-216-864-11	SHORT CHIP			
R4867	1-216-864-11	SHORT CHIP			
R4868	1-216-864-11	SHORT CHIP			
R4869	1-216-833-11	METAL CHIP	10K	5%	1/10W
R4870	1-216-864-11	SHORT CHIP			
R4871	1-216-864-11	SHORT CHIP			
R4872	1-216-864-11	SHORT CHIP			
R4887	1-216-833-11	METAL CHIP	10K	5%	1/10W
R4889	1-216-821-11	METAL CHIP	1K	5%	1/10W
R4933	1-216-821-11	METAL CHIP	1K	5%	1/10W
R4935	1-216-835-11	METAL CHIP	15K	5%	1/10W
R4936	1-216-821-11	METAL CHIP	1K	5%	1/10W
R4937	1-216-833-11	METAL CHIP	10K	5%	1/10W
R4938	1-216-821-11	METAL CHIP	1K	5%	1/10W

CRYSTAL

X4702	1-795-843-11	VIBRATOR, CRYSTAL	
X4703	1-813-388-11	OSCILLATOR, CRYSTAL	

T

A-1106-836-A T BOARD, MOUNTED

CAPACITOR

CONNECTOR

*	CN8001	1-564-518-11	PLUG, CONNECTOR	3P

SWITCH

S8001	1-570-245-11	SWITCH, MICRO	

U1

*** A-1102-912-A U1 BOARD, MOUNTED**

CAPACITOR

C9406	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C9407	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C9408	1-125-891-11	CERAMIC CHIP	0.47µF	10%	10V
C9409	1-125-891-11	CERAMIC CHIP	0.47µF	10%	10V
C9410	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C9411	1-164-505-11	CERAMIC CHIP	2.2µF		16V
C9412	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C9413	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C9415	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C9417	1-164-505-11	CERAMIC CHIP	2.2µF		16V

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	REF. NO.	PART NO.	DESCRIPTION	VALUES		
	C9418	1-164-505-11	CERAMIC CHIP	2.2µF		16V
	C9419	1-164-505-11	CERAMIC CHIP	2.2µF		16V
	C9421	1-164-505-11	CERAMIC CHIP	2.2µF		16V
	C9422	1-164-505-11	CERAMIC CHIP	2.2µF		16V
	C9424	1-164-505-11	CERAMIC CHIP	2.2µF		16V
	C9426	1-164-505-11	CERAMIC CHIP	2.2µF		16V
			CONNECTOR			
	CN9401	1-778-398-11	CONNECTOR, BOARD TO BOARD	15P		
*	CN9402	1-691-632-22	CONNECTOR, BOARD TO BOARD	15P		
			DIODE			
	D9403	8-719-977-28	DIODE	DTZ10B		
			JACK			
	J9402	1-573-967-12	BLOCK, (S) TERMINAL			
			RESISTOR			
	R9408	1-218-665-11	METAL CHIP	75	0.50%	1/10W
	R9410	1-216-849-11	METAL CHIP	220K	5%	1/10W
	R9411	1-216-849-11	METAL CHIP	220K	5%	1/10W
	R9414	1-216-849-11	METAL CHIP	220K	5%	1/10W
	R9415	1-216-849-11	METAL CHIP	220K	5%	1/10W
	R9416	1-216-821-11	METAL CHIP	1K	5%	1/10W
	R9417	1-216-821-11	METAL CHIP	1K	5%	1/10W
	R9418	1-216-864-11	SHORT CHIP			
	R9420	1-218-665-11	METAL CHIP	75	0.50%	1/10W
	R9421	1-218-665-11	METAL CHIP	75	0.50%	1/10W
	R9422	1-218-665-11	METAL CHIP	75	0.50%	1/10W
	R9423	1-216-821-11	METAL CHIP	1K	5%	1/10W
	R9424	1-216-821-11	METAL CHIP	1K	5%	1/10W
	R9425	1-218-665-11	METAL CHIP	75	0.50%	1/10W
	R9426	1-218-665-11	METAL CHIP	75	0.50%	1/10W
	R9427	1-216-864-11	SHORT CHIP			
	R9428	1-216-864-11	SHORT CHIP			
	R9429	1-216-864-11	SHORT CHIP			
	R9430	1-216-864-11	SHORT CHIP			
	R9431	1-216-864-11	SHORT CHIP			
	R9432	1-216-864-11	SHORT CHIP			

	REF. NO.	PART NO.	DESCRIPTION	VALUES
			VARISTOR	
	VD9410	1-803-974-21	VARISTOR, CHIP	(1608)
	VD9414	1-803-974-21	VARISTOR, CHIP	(1608)
	VD9415	1-803-974-21	VARISTOR, CHIP	(1608)
	VD9416	1-803-974-21	VARISTOR, CHIP	(1608)
	VD9419	1-803-974-21	VARISTOR, CHIP	(1608)
	VD9420	1-803-974-21	VARISTOR, CHIP	(1608)
	VD9431	1-803-974-21	VARISTOR, CHIP	(1608)
	VD9432	1-803-974-21	VARISTOR, CHIP	(1608)
	VD9433	1-803-974-21	VARISTOR, CHIP	(1608)
	VD9442	1-803-974-21	VARISTOR, CHIP	(1608)
			ACCESSORIES AND PACKING	
*		4-041-426-01	BAG, PROTECTION (KDF-E55A20 ONLY)	
*		4-097-659-01	BAG, PROTECTION (KDF-E60A20 ONLY)	
*		2-023-276-03	CUSHION (LOWER) (KDF-E55A20 ONLY)	
*		2-023-606-03	CUSHION (LOWER) (KDF-E60A20 ONLY)	
*		2-023-275-02	CUSHION (UPPER) (KDF-E55A20 ONLY)	
*		2-023-605-02	CUSHION (UPPER) (KDF-E60A20 ONLY)	
		2-597-550-11	GUIDE, QUICK SETUP	
		2-597-550-21	GUIDE, QUICK SETUP	
		2-597-550-31	GUIDE, QUICK SETUP	
*		2-629-468-01	INDIVIDUAL CARTON (KDF-E55A20 ONLY)	
*		2-629-469-01	INDIVIDUAL CARTON (KDF-E60A20 ONLY)	
		2-593-962-11	MANUAL, INSTRUCTION	
		2-593-962-21	MANUAL, INSTRUCTION	
		2-593-962-31	MANUAL, INSTRUCTION	
*		4-097-660-01	SHEET, PROTECTION	
			MISCELLANEOUS	
		1-519-775-12	LAMP	
*		A-1085-447-A	LAMP BLOCK(IRP) ASSY	
		1-417-507-11	POD-HOST CERT,D-CABLE READY	
		7-600-004-25	TAPE,ACETATE (NO.5) 25X20M BLK	

REF. NO.	PART NO.	DESCRIPTION	VALUES
	4-084-345-02	(+)P TAPPING SCREW B-O (W)	
	7-684-024-04	N 4, TYPE 2	
	3-682-691-00	NUT, WASHER HEXAGON	
	3-669-145-02	SCREW	
	4-029-432-01	SCREW (3X12), (+) BVWHTP	
	4-382-854-01	SCREW (M3X8), P, SW (+)	
	4-302-404-03	SCREW (WASHER HEAD) (+P 4X16)	
	7-685-647-79	SCREW +BVTP 3X10 TYPE2 IT-3	
	7-685-648-79	SCREW +BVTP 3X12 TYPE2 IT-3	
	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3	
	7-685-661-14	SCREW +BVTP 4X12 TYPE2 IT-3	
	7-685-663-79	SCREW +BVTP 4X16 TYPE2 IT-3	
	7-685-664-79	SCREW +BVTP 4X20 TYPE2 IT-3	
	7-621-555-50	SCREW +K 2X8	
	7-685-146-11	SCREW +P 3X8 TYPE2 NON-SLIT	
	7-682-148-09	SCREW +P 3X8	
	7-682-660-09	SCREW +PS 4X6	
	7-685-903-21	SCREW +PTPWH 3X8 (TYPE2)	
	7-681-000-00	SCREW +PWH M2X5	
	4-319-520-11	SCREW, SPECIAL (+PW4X30)	
	3-701-810-72	SCREW, TERMINAL	
*	3-650-537-00	WASHER	

REF. NO.	PART NO.	DESCRIPTION	VALUES
	REMOTE CONTROL		
	1-479-327-11	REMOTE COMANDER (RM-YD002)	
	9-885-083-76	COVER, SLIDE (BATTERY COVER FOR RM-YD002)	

Sony Corporation
Sony Technology Center
Technical Services
Service Promotion Department

English
2005GJ74WEB-1
Printed in USA
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SERVICE MANUAL

LA-3 CHASSIS

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